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Forest Tree Production Centres in Canada - 1984

J.H. Smyth and A.J. Brownwright

Information Report O-X-378
Great Lakes Forestry Centre

FORSTATS

Canada

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THE GREAT LAKES FORESTRY CENTRE

The Great Lakes Forestry Centre is one of six regional establishments located across Canada and operated by the Canadian Forestry Service. The overall objective of the Service is to promote the preservation, enhancement and wise use of a healthy, attractive and bountiful forest resource and terrestrial environment for the economic and social benefit of all Canadians. The Centre pursues this objective by conducting two major programs: research and technical services and forestry development. Both programs address major problems affecting forest management and the forest environment primarily in Ontario, but because of the transprovincial nature of the forest resource, many elements of our research program are of national significance.

Forestry problems are continually assessed by the Canada-Ontario Joint Forestry Research Committee, made up chiefly of senior members of the Centre and the Ontario Ministry of Natural Resources. The Committee ensures that the research resources of both agencies are effectively transmitted to the forest managers in order to improve forest production and protection, and the quality of the environment.

Staff of the forestry development program negotiate and administer federal-provincial cost-sharing agreements with the province of Ontario, conduct economic studies, and implement job creation programs in the forest sector. Again, this requires close cooperation with the Ontario Ministry of Natural Resources and with other provincial and federal agencies concerned with the forest sector.

Close working relations are also maintained by the Centre with educational institutions specializing in forestry and the biological sciences, with the forest industry, and with other forestry organizations in the province.

The Centre recognizes that forested land must be managed in the best public interest, not only for the wood production essential to our economy but also for the recreational purposes that are so important to our social well-being. These goals must be achieved in a manner that will maintain or improve the quality of the forest environment and preserve it for generations to come.

FOREST TREE PRODUCTION CENTRES IN CANADA

1984

J.H. SMYTH AND A.J. BROWNWRIGHT

GREAT LAKES FORESTRY CENTRE

CANADIAN FORESTRY SERVICE

GOVERNMENT OF CANADA

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ABSTRACT

A total of 119 public sector, private and forest industry forest tree production centres produced planting stock for reforestation purposes in 1984. The majority of these seedlings were destined for forest renewal projects on provincial crown lands. Of the 119 production centres, 43 reared bare-root stock and 101 reared containerized seedlings. The total stock available for planting was 206 and 252 million bare-root and containerized seedlings, respectively.

During the period 1979-1984, the number of bare-root seedlings shipped annually for planting remained fairly constant. In 1979, the number of seedlings shipped was 205 million, in 1980 it was 228 million, in 1982 it was 211 million, and in 1984 it was 206 million. Production of containerized stock, on the other hand, increased substantially during the same period. Approximately 252 million trees were available for shipping in 1984 in comparison with 108 million in 1979. Production in 1986 is expected to double that of 1984.

Of the total seedlings available for planting in 1979, 65% were bare-root stock; by 1984 the figure had declined to 45%.

RÉSUMÉ

En 1984, 119 centres gouvernementaux, privés et industriels produisaient du matériel de reboisement. La plus grande partie des semis étaient destinés à des projets de renouvellement forestier sur des terres provinciales. Parmi les 119 centres producteurs, 43 produisaient du matériel à racines nues et 101 des semis en contenants. Le stock total de matériel de plantation était respectivement de 206 et de 252 millions de semis à racines nues et en contenants.

De 1979 à 1984, le nombre de semis à racines nues expédiés annuellement à des fins de plantation est demeuré assez constant: il était de 205 millions en 1979, de 228 millions en 1980, de 211 millions en 1982 et de 206 millions en 1984. Par contre, la production de matériel en contenants a augmenté considérablement au cours de la même période. Les stocks livrables étaient d'environ 252 millions d'arbres en 1984, comparativement à 108 millions en 1979. On s'attend à ce que la production de 1986 soit le double de celle de 1984.

La proportion totale de semis transplantables à racines nues en 1979 était de 65% et avait baissé à 45% en 1984.

ACKNOWLEDGMENTS

This directory of Canada's forest tree production centres was prepared with the assistance of representatives of provincial forestry agencies, the forest industry, and private sector growers across Canada. Their cooperation is greatly appreciated. Special thanks are also due to the Canadian Forestry Service regional FORSTATS representatives who initiated contact with production centre managers and provided data for their respective regions.

FOREWORD

The FORSTATS (FORestry STATisticS) Program provides current statistical information on Canada's forest resources, including periodic descriptions and analyses of forest inventory and growth; losses from insects, diseases, and fire; nursery production and silvicultural practice; and social and economic conditions.

The following federal government establishments participate in the FORSTATS Program: Canadian Forestry Service Headquarters in Hull, Que., the Pacific Forestry Centre in Victoria, B.C., the Northern Forestry Centre in Edmonton, Alta., the Great Lakes Forestry Centre in Sault Ste. Marie, Ont., the Laurentian Forestry Centre in Ste-Foy, Que., CFS Maritimes in Fredericton, N.B., the Newfoundland Forestry Centre in St. John's, Nfld., the Petawawa National Forestry Institute in Chalk River, Ont., and the Forest Pest Management Institute in Sault Ste. Marie, Ont. Provincial forestry agencies, other provincial and federal agencies, and the forest industry cooperate in providing data for the program.

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Cover Photo: The Prairie Sun Greenhouses at Joffre, Alberta are the first commercial-scale greenhouses in Canada to use waste heat from a petrochemical plant. A total of 1.95 ha of growing area is enclosed at the facility. Vegetables and flowers as well as forest tree seedlings are produced. (Photo provided by Tim Ellis, Project Manager, Waste Heat Developments, NOVAL Enterprises, a division of NOVA, AN ALBERTA CORPORATION.)

INTRODUCTION

This report is the third in a series of reports providing information on forest tree production centres operating throughout Canada. It is intended primarily for use by nursery managers and other individuals who have a direct or indirect interest in forest tree production centres, their location, and production levels.

The purpose of this report is to provide a current (1984) listing of provincial, industrial, and private commercial production centres producing, or scheduled to produce over the next year or two, bare-root and containerized forest tree seedlings primarily for reforestation of harvested land. For individual centres the report provides an estimate of the number of trees shipped for bare-root stock and the number of shippable trees for container stock for 1983 and 1984, respectively. In addition, an estimate of the planned production levels for 1985 through 1988 is given for centres that provided such information during the survey.

NATIONAL SUMMARY

Bare-root Seedling Production

In 1984, approximately 206 million bare-root seedlings were shipped from 43 nurseries across Canada (Table 1). Seventy-eight percent of the total number were from nurseries located in British Columbia, Ontario and Quebec. The majority of the growing stock was destined for reforestation and afforestation projects on provincial crown lands, with the remainder being planted on federal,

Table 1. National summary of bare-root seedling production.

Province	Number of production centres 1984	Number of production centres 1985	1984 Area available for production (ha)	1984 Area currently in production (ha)	Trees shipped 1984	Planned production 1985 ('000)	Planned production 1986 ('000)
British Columbia	11	10	853	302	53,329	53,696	51,450
Alberta	2	2	100	36	9,600	14,200	12,300
Saskatchewan	4	4	151	83	10,647	11,365	18,159
Manitoba	1	1	38	24	2,700	4,500	4,500
Ontario	11	11	761	657	59,938	71,151	68,875
Quebec	8	8	387	387	47,400	66,500	61,000
New Brunswick	2	2	126	98	14,300	13,000	13,000
Nova Scotia	2	2	99	55	4,600	4,400	6,500
Prince Edward Island	1	1	20	4	315	390	400
Newfoundland	1	1	40	40	3,242	7,000	9,000
Total	43	42	2,575	1,686	206,071	246,202	245,184

industrial freehold, private, and municipal lands. The number of seedlings shipped annually remained relatively constant over the period 1979-1984. In 1979, the total number of seedlings shipped from nurseries was 205 million; in 1980, 228 million; in 1982, 211 million; and in 1984, 206 million.

During the period 1979-1984, the total number of bare-root nurseries reporting declined from 46 in 1979 to 43 in 1984. The provinces of Saskatchewan, Ontario, Quebec, New Brunswick and Newfoundland experienced reductions in the number of operational facilities, while in British Columbia the number of nurseries increased from 8 to 11.

The number of hectares of land under cultivation for the production of bare-root stock increased marginally (11%) in the period 1979-1984, from 1,517 ha in 1979 to 1,686 ha in 1984. The estimated production of stock in this cultivated area, and any planned additions, were forecasted at approximately 246 million seedlings for 1985 and 245 million for 1986. Production targets for each of these two years are down sharply from the production target of 285 million forecasted for 1984[1].

Nationally, the most significant reductions in planned production of bare-root seedlings during the period 1984-1986 are in British Columbia, Manitoba, Ontario, and New Brunswick. Newfoundland reported a significant increase in production levels for 1985 and 1986 over 1984.

Containerized Seedling Production

In 1984, approximately 252 million containerized seedlings were available for shipping from 101 production centres located throughout Canada (Table 2). Eighty-six percent of the total number of shippable trees produced were grown in production centres located in four provinces--Ontario (32%), British Columbia (30%), New Brunswick (16%), and Quebec (8%). The total number of shippable trees produced in 1984 was up significantly over 1979 by almost 133%.

The total estimated production target reported was 384 million from 111 container centres in 1985, and 555 million from 116 centres in 1986. These annual targets represent a significant increase over the estimated 1984 production[1] target of 271 million seedlings. All provinces except Alberta and Newfoundland will contribute to this increase in growth.

There were approximately 567,719 m^2 of growing space available for containerized production in 1984. The total production area includes heated and unheated greenhouses, hoophouses, and shelterhouses. This production area represents an increase of 303,653 m^2, or 115%, over that available in 1983, and 463,376 m^2, or 444%, over that reported in 1979.

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[1] Smyth, J.H. and Brownwright, A.J. 1984. Forest tree production centres in Canada 1983. Dep. Environ., Can. For. Serv., Sault Ste. Marie, Ont. Inf. Rep. O-X-357. 45 p. + appendices.

Table 2. National summary of containerized seedling production.

Province	Number of production centres 1984	Number of production centres 1985	1984 Area available for production (m^2)	Shippable trees 1984	Planned production 1985 ('000)	Planned production 1986 ('000)
British Columbia	26	37	240,395	74,702	155,338	241,598
Alberta	5	5	27,115	15,139	23,740	23,750
Saskatchewan	0	1	1,134	—	765	1,530
Manitoba	2	2	6,582	3,722	7,688	10,360
Ontario	32	36	77,979	81,458	78,731[a]	88,986[a]
Quebec	15[c]	8	126,870	21,500	35,000[b]	99,000[b]
New Brunswick	9	10	53,316	39,802	54,391	54,411
Nova Scotia	8	8	27,407	12,073	23,900	29,754
Prince Edward Island	1	1	3,717	1,214	1,675	2,000
Newfoundland	3	3	3,204	2,439	3,165	3,165
Total	101	111	567,719	252,049	384,393	554,554

[a,b] Total provincial estimates for 1985 and 1986, respectively, provided by the Ontario Ministry of Natural Resources and the Quebec Ministry of Energy and Resources, respectively.

[c] Includes eight 1-year contracts that produced a total of 4.1 million seedlings.

The type of container used by growers varies considerably across the country. In British Columbia, the most popular container and the one used almost exclusively is the BC/CFS styroblock. The Spencer-Lemaire Rootrainer is used, but production based on its use is not significant.

In Alberta, Spencer-Lemaire Rootrainers are the most popular containers employed, although the BC/CFS styroblock is used by some private growers. In Saskatchewan, the Can-Am Multipot #2 is used exclusively at the province's only container centre. At Manitoba's two provincial container centres, the Japanese paperpot FH408 is used almost exclusively; however, over the past several years, Can-Am Multipots (#1, #2 and #5) have been introduced into the greenhouses on an experimental basis.

In Ontario, several types of containers are in use at present. The Japanese paperpot is the most popular and most widely used in both provincial and private production centres, followed by the Spencer-Lemaire Ferdinand container. The Japanese paperpot FH308 and Can-Am Multipot containers are also used, but to a limited extent.

In Quebec, various containers are used, including the Quebec tube, IPL container, Can-Am Multipot, BC/CFS styroblock, and Japanese paperpot FH408.

In Atlantic Canada, the type of container used varies from province to province. Since the last report in 1984, private growers in New Brunswick have introduced several new containers, specifically the IPL 45 and 110, and the Jiffy-pot. The Japanese paperpot FH408 remains the most widely used container, although the Can-Am Multipot and BC/CFS styroblock are used extensively in a number of production centres. In Nova Scotia the Can-Am Multipot is used almost exclusively by both provincial and private growers, although the IPL 45 has been introduced into one forest company's rearing program. In Prince Edward Island and Newfoundland, the Can-Am Multipot is used exclusively at all greenhouses.

SEEDLING PRODUCTION BY OWNERSHIP

Table 3 summarizes, by ownership and province, the numbers of bare-root and containerized seedlings shipped for 1984; Table 4 summarizes, by ownership and province, estimated bare-root and containerized seedling production for 1986. In 1984, provincially managed tree nurseries in Canada shipped almost 92% of the total bare-root stock production. On the other hand, private nurseries accounted for 47% of the total amount of container stock shipped. The total

Table 3. National summary of seedling production by ownership, 1984.

Province		Federal (%)	Provincial (%)	Industrial (%)	Private (%)	Trees shipped ('000)
British Columbia	Bare-root	---	91.8	1.1	7.1	53,329
	Container	---	47.4	11.5	41.1	74,702
Alberta	Bare-root	---	97.9	---	2.1	9,600
	Container	---	82.6	10.5	6.9	15,139
Saskatchewan	Bare-root	---	100.0	---	---	10,647
	Container	---	---	---	---	---
Manitoba	Bare-root	---	100.0	---	---	2,700
	Container	---	100.0	---	---	3,722
Ontario	Bare-root	---	99.1	.9	---	59,938
	Container	---	13.6	---	86.3	81,458
Quebec	Bare-root	---	99.4	---	.6	47,400
	Container	---	48.4	---	51.6	21,500
New Brunswick	Bare-root	---	16.1	83.9	---	14,300
	Container	---	68.9	31.1	---	39,802
Nova Scotia	Bare-root	---	100.0	---	---	4,600
	Container	---	37.5	25.9	36.6	12,073
Prince Edward Island	Bare-root	---	100.0	---	---	315
	Container	---	100.0	---	---	1,214
Newfoundland	Bare-root	---	100.0	---	---	3,242
	Container	---	100.0	---	---	2,439
Total Canada	Bare-root	---	91.5	6.4	2.1	206,071
	Container	---	43.1	10.2	46.7	252,049

number of trees shipped from private growers varied, however, across the country. In Ontario, over 86% of all container stock shipped came from private growers; Quebec followed at 52%, British Columbia at 41%, and Nova Scotia at 37%. Provincial greenhouses in the provinces of Manitoba, Prince Edward Island, and Newfoundland met the total provincial requirements for container seedlings. There was no production of container stock seedlings in Saskatchewan in 1984.

Table 4. National summary of targeted seedling production by ownership, 1986.

Province		Federal (%)	Provincial (%)	Industrial (%)	Private (%)	Estimated production target ('000)
British Columbia	Bare-root	—	80.1	9.7	10.2	51,450
	Container	—	46.6	7.6	45.8	241,598
Alberta	Bare-root	—	97.6	—	2.4	12,300
	Container	—	75.8	12.6	11.6	23,750
Saskatchewan	Bare-root	—	100.0	—	—	18,159
	Container	—	100.0	—	—	1,530
Manitoba	Bare-root	—	100.0	—	—	4,500
	Container	—	100.0	—	—	10,360
Ontario	Bare-root	—	98.3	1.7	—	68,875
	Container	—	9.1	—	90.9	88,986
Quebec	Bare-root	—	86.9	—	13.1	61,000
	Container	—	50.5	—	49.5	99,000
New Brunswick	Bare-root	—	26.9	73.1	—	13,000
	Container	—	61.2	38.3	.5	54,411
Nova Scotia	Bare-root	—	100.0	—	—	6,500
	Container	—	64.4	19.1	16.5	29,754
Prince Edward Island	Bare-root	—	100.0	—	—	400
	Container	—	100.0	—	—	2,000
Newfoundland	Bare-root	—	100.0	—	—	9,000
	Container	—	100.0	—	—	3,165
Total Canada	Bare-root	—	88.1	6.4	5.5	245,184
	Container	—	46.6	8.6	44.8	554,554

Of Canada's total estimated production of tree seedlings for 1986, 88% of bare-root stock and almost 47% of containerized stock will be grown in provincial government facilities. The percentages, however, vary from province to province. All bare-root stock, or the greater percentage of it, will be grown by provincial nurseries in all provinces except New Brunswick, where only 27% will be a direct provincial responsibility.

As for containerized seedlings, the provinces of Saskatchewan, Manitoba, Prince Edward Island, and Newfoundland will produce their entire stock in provincial facilities. In British Columbia, Ontario, Quebec, New Brunswick and Nova Scotia, a significant proportion of total estimated stock will be grown by the forest industry or the private sector.

BARE-ROOT AND CONTAINERIZED SEEDLING TRENDS: 1979-1984

In 1980 when the first report[2] on tree seedling production centres in Canada was published, the data showed that, for 1979, the total estimated number of bare-root seedlings shipped and of shippable containerized seedlings was 313.3 million. This was in the ratio of 65% bare-root to 35% containerized stock. In the following five-year period, not only did the total number of seedlings increase, but the ratio of bare-root to containerized stock had reversed itself. By 1984, the ratio had changed to 55% containerized and 45% bare-root stock. Figure 1 shows the trend in bare-root and containerized seedlings shipped for the period 1979-1984.

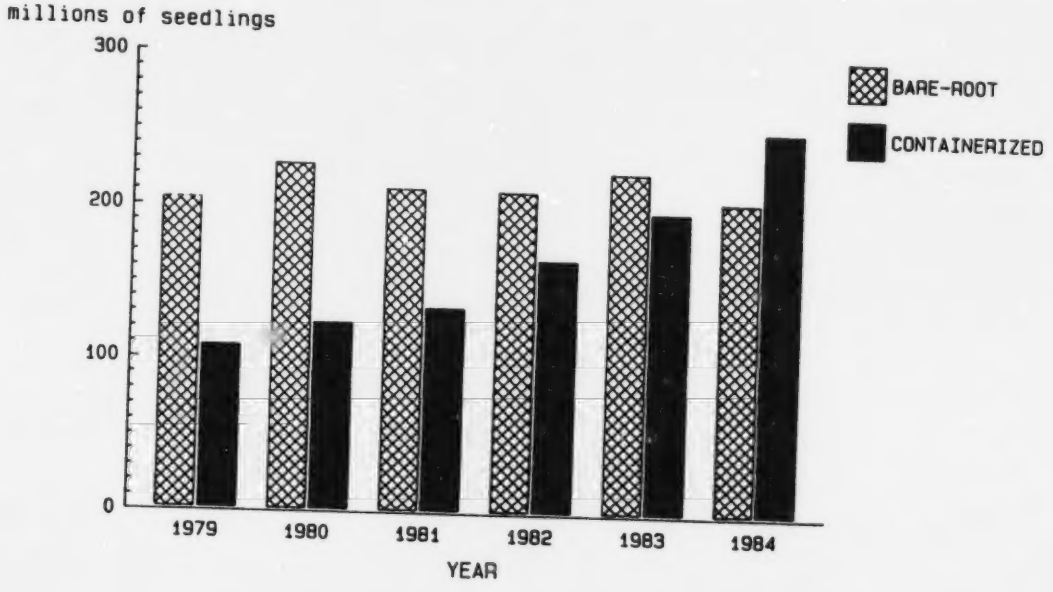

Figure 1. Total number of forest tree seedlings shipped in Canada, 1979-1984.

During the period, the most dramatic reductions in bare-root stock occurred in British Columbia (20%), Saskatchewan (34%), and New Brunswick (30%), while a minor reduction took place in Ontario (4%). The provinces of Alberta, Manitoba, Quebec, and Nova Scotia increased their output during this period.

All provinces except Alberta and Saskatchewan increased the number of containerized seedlings shipped during the period, some more dramatically than others. Quebec's output increased by 2,685%, Ontario's by 695%, British Columbia's by 118%, and New Brunswick's by 23%.

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2 Smyth, J.H. 1980. A directory of forest tree nurseries in Canada. Dep. Environ., Can. For. Serv., Sault Ste. Marie, Ont. Report O-X-305. 51 p. + Appendix

Estimated production targets for the two years 1985 and 1986 indicate that containerized seedling production will exceed bare-root production by a wide margin. Estimates show that the containerized share of total seedling production will be 61% and 69% in 1985 and 1986, respectively.

DIRECTORY

Explanation of Directory Information

(a) Bare-root production centres

Area available for production:	The area within the nursery available for growing bare-root stock.
Area currently in production:	The area within the nursery currently growing bare-root stock.
Productive capacity:	The quantity of bare-root stock that could be grown if the total area available for production were utilized.
Trees shipped:	The total number of trees shipped from a bare-root nursery for each of the calendar years noted.
Planned production:	The estimated production targets for the nursery in future years. For this report, future years include 1985-1988.

(b) Containerized production centres

Area available for production:	Includes heated and unheated greenhouses, shelterhouses, hoophouses, etc., but does not include shade areas and open holding areas.
Shippable trees:	Refers to the number of trees available for shipping for each of the calendar years shown.
Planned production:	The estimated production targets for the production centre in future years. For this report, future years include 1985-1988.

(c) Major species grown — Appendix 1 provides the common and scientific names for species grown at production centres.

British Columbia

PROVINCIAL SUMMARY	bare-root	container
Number of production centres	11	26
Area available for production	853 ha	240 395 m²
Area currently in production	302 ha	–
1984 Shippable production ('000)	53 329	74 702
1985/1986 Targeted production ('000)	53 696/51 450	155 338/241 598

PROVINCE OF BRITISH COLUMBIA

BARE-ROOT PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 AREA AVAILABLE FOR PRODUCTION (HA)	1984 AREA CURRENTLY IN PRODUCTION (HA)	PRODUCTIVE CAPACITY ('000 TREES)	SEEDLING PRODUCTION 1983 ('000 TREES)	SEEDLING PRODUCTION 1984 SHIPPED)	PLANNED PRODUCTION 1985-1988 ('000 TREES)	MAJOR SPECIES GROWN
INDUSTRY	GRANDVIEW NURSERY WEYERHAEUSER CANADA LTD., R.R. 3, ST. ANNE'S RD., ARMSTRONG, B.C., V0E 1B0 604-546-8711 T.G. DANIELS	26	16	8 200	916	581	1985 - 5 000 1986 - 5 000 1987 - 5 000 1988 - 5 000	LP 50% ES 39% DF 10% OCON 1%
PRIVATE	INDUSTRIAL FORESTRY SERVICE NESS LAKE FOREST NURSERY, 101-1595 FIFTH AVENUE, PRINCE GEORGE, B.C., V2L 3L9 604-564-4115 F.P. DONNELLY	25	20	9 000	3 500	3 700	1985 - 5 800 1986 - 5 000 1987 - 5 000 1988 - 5 000	WS 100%
PRIVATE	JARO FOREST SERVICES LTD., P.O. BOX 249, CUMBERLAND, B.C., V0R 1S0 604-336-2566 JACK AND ARNE OSTERGARD	4	2	2 000	29	79	1985 - 114 1986 - 250 1987 - 1988 -	GF 100%
PROVINCE	CAMPBELL RIVER NURSERY, MINISTRY OF FORESTS, BOX 25, CAMPBELL RIVER, B.C., V9W 4Z9 604-286-1015 R.G. HUDSON	90	40	11 000	7 557	6 028	1985 - 5 300 1986 - 5 500 1987 - 5 500 1988 - 5 500	SS DF
PROVINCE	CHILLIWACK NURSERY, MINISTRY OF FORESTS, BOX 242, VEDDER CROSSING, B.C., V0X 1Z0 604-858-7156 U. BITTERLICH	51	40	9 000	4 682	2 609	1985 - 5 900 1986 - 5 500 1987 - 5 500 1988 - 5 500	PL DF
PROVINCE	GREEN TIMBERS NURSERY, MINISTRY OF FORESTS, 9800-140 STREET, SURREY, B.C., V3T 4M5 604-581-2464 M.N. COLLARD	65	27	6 500	4 126	2 216	1985 - 2 770 1986 - 2 000 1987 - 2 000 1988 - 2 000	DF PL

PROVINCE OF BRITISH COLUMBIA

BARE-ROOT PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 AREA AVAILABLE FOR PRODUCTION (HA)	1984 AREA CURRENTLY IN PRODUCTION (HA)	PRODUCTIVE CAPACITY ('000 TREES)	SEEDLING PRODUCTION 1983 ('000 TREES)	SEEDLING PRODUCTION 1984 SHIPPED)	PLANNED PRODUCTION 1985-1988 ('000 TREES)	MAJOR SPECIES GROWN
PROVINCE	KOKSILAH NURSERY,(*) MINISTRY OF FORESTS, 5847 CHESTERFIELD ST., BOX 816, DUNCAN, B.C., V9L 3Y2 604-746-5452 N.A. MARSHALL	20	-	6 000	1 951	1 316	1985 - - 1986 - - 1987 - - 1988 - -	
PROVINCE	RED ROCK NURSERY, MINISTRY OF FORESTS, 15 MILE ROAD, R.R. 7, R.M.D. 6, PRINCE GEORGE, B.C., V2N 2J5 604-963-9651 W. BERG	220	60	14 700	12 216	8 558	1985 - 9 500 1986 - 10 000 1987 - 10 000 1988 - 10 000	SW PL
PROVINCE	SKIMIKIN NURSERY, MINISTRY OF FORESTS, GENERAL DELIVERY, TAPPEN, B.C., V0E 2X0 604-835-4541 T.H. HAMILTON	162	24	9 500	5 333	4 720	1985 - 5 856 1986 - 5 500 1987 - 5 500 1988 - 5 500	DF SE PL
PROVINCE	SURREY NURSERY, MINISTRY OF FORESTS, 3605-192 STREET, SURREY, B.C., V3S 4N8 604-576-9161 H. SCHROEDER	188	71	30 500	22 666	22 959	1985 - 12 746 1986 - 12 000 1987 - 12 000 1988 - 12 000	WS DF
PROVINCE	TELKWA NURSERY, MINISTRY OF FORESTS, BOX 310, TELKWA, B.C., V0J 2X0 N. CHADSEY	2	2	1 500	636	563	1985 - 710 1986 - 700 1987 - 700 1988 - 700	PL 100%

(*) NURSERY CURRENTLY BEING PHASED OUT

PROVINCE OF BRITISH COLUMBIA

CONTAINER STOCK PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 PRODUCTION AREA (TYPE)	1984 AREA AVAILABLE FOR PRODUCTION (M^2)	SHIPPABLE TREES ('000 TREES) 1983	 1984	PLANNED PRODUCTION 1985-1988 ('000 TREES)	CONTAINER TYPE	MAJOR SPECIES GROWN
INDUSTRY	C.I.P. INC., 8067 EAST SAANICH RD., R.R. 1, SAANICHTON, B.C., V0S 1M0 604-652-3013/1234 T.A. HALE	HEATED	4 500	1 500	820	1985 - 2 500 1986 - 2 500 1987 - 3 000 1988 - 3 500	STYRO 4, 6, 8	DF 70% WH 10% WRC 10% OCON 10%
INDUSTRY	CROWN FOREST INDUSTRIES LTD., R.R. 3, ARMSTRONG, B.C., V0E 1B0 604-546-8600 G. NICHOLSON	HEATED	13 000	1 360	1 534	1985 - 2 600 1986 - 3 800 1987 - 6 800 1988 - 6 800	STYRO 313, 313A	S 70% P 26% OCON 4%
INDUSTRY	MACMILLAN BLOEDEL LTD., 65 FRONT ST., NANAIMO, B.C., V9R 5H9 604-753-1112 E.A. RAHER	HEATED	6 000	800	1 800	1985 - 2 100 1986 - 2 800 1987 - 2 800 1988 - 2 800	STYRO 313, 415, 615	FDC HW CW
INDUSTRY	NORTHWOOD PULP AND TIMBER FOREST CENTRE, BOX 9000, PRINCE GEORGE, B.C., V2L 4W2 604-962-9611 T. NELSON	HEATED	8 038	4 245	4 403	1985 - 5 391 1986 - 9 000 1987 - 12 000 1988 - 12 000	STYRO 211, 313, 415	S F
INDUSTRY	WEST FRASER MILLS LTD., BOX 6000, QUESNEL, B.C., V2J 3J5 604-992-9244 A. LESTER	HEATED UNHEATED	120 100	131	50	1985 - 138 1986 - 138 1987 - 138 1988 - 138	STYRO 211, 313	LP S
PRIVATE	ARBORDALE NURSERY, R.R. 2, GRIEVE RD., COURTENAY, B.C., V9N 5M9 604-338-1069 D. HANSON	HEATED	500	15	85	1985 - 60 1986 - 1 000 1987 - 1988 -	STYRO 313	DF S

PROVINCE OF BRITISH COLUMBIA
CONTAINER STOCK PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 PRODUCTION AREA (TYPE)	1984 AREA AVAILABLE FOR PRODUCTION (M^2)	SHIPPABLE TREES 1983 ('000 TREES)	SHIPPABLE TREES 1984 ('000 TREES)	PLANNED PRODUCTION 1985-1988 ('000 TREES)	CONTAINER TYPE	MAJOR SPECIES GROWN
PRIVATE	ARBUTUS GROVE NURSERY, 9721 WEST SAANICH RD., SIDNEY, B.C., V8L 3S1 604-656-4162 M. STOFFELSMA	HEATED OPEN	3 600 2 700	1 800	1 900	1985 - 3 500 1986 - 4 000 1987 - 5 000 1988 - -	STYRO 211, 313, 415	WH 35% SXW 40% DCON 25%
PRIVATE	BALCO INDUSTRIES LTD., R.R. 3, KAMLOOPS, B.C. V2C 5X1 604-578-7212 G. CASTONGUAY	HEATED SHELTERHOUSE	3 448 1 324	3 000	2 033	1985 - 5 000 1986 - 5 000 1987 - 5 000 1988 - 5 000	STYRO 211, 312, 313	S 50% P 35% DF 15%
PRIVATE	BLUE COLLAR SILVICULTURE, BOX 4129 QUESNEL, B.C., V2J 3J9 604-992-5502 COLIN EVES	HEATED				1985 - 1 000 1986 - 1 000 1987 - 1 000 1988 - 1 000		
PRIVATE	DAVERON NURSERIES LTD.,[a] R.R.# 1, SUMMERLAND, B.C., V0H 1Z0 604-494-9225 D.G. LUND	HEATED	10 973	-	-	1985 - - 1986 - 4 800 1987 - 4 800 1988 - 4 800	STYRO 313A	S
PRIVATE	ELMORE NURSERY R.R. 1, NANOOSE, B.C., V0R 2R0 604-468-9910 F. MORRIS	SHELTERHOUSE	2 750	175	450	1985 - 600 1986 - 900 1987 - 2 000 1988 - 2 000	STYRO SP-LE	
PRIVATE	GREATER VICTORIA WATER DISTRICT 479 ISLAND HIGHWAY, VICTORIA, B.C., V9B 1H7 604-478-1715 D.H. PILLAR	HEATED	204	50	50	1985 - 110 1986 - 110 1987 - 110 1988 - 110	STYRO 415B	DF 100%
PRIVATE	HAMMER ENTERPRISE 20194 McIVOR AVE., MAPLE RIDGE, B.C., V2X 4L3 RICK HAMMER	HEATED				1985 - 400 1986 - 400 1987 - 400 1988 - 400		

[a] NOT INCLUDED IN 1985 TABLES AND SUMMARIES, DATA INCLUDED FROM 1986 ON.

PROVINCE OF BRITISH COLUMBIA

CONTAINER STOCK PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 PRODUCTION AREA (TYPE)	1984 AREA AVAILABLE FOR PRODUCTION (M^2)	SHIPPABLE TREES ('000 TREES) 1983	 1984	PLANNED PRODUCTION 1985-1988 ('000 TREES)	CONTAINER TYPE	MAJOR SPECIES GROWN
PRIVATE	HYBRID NURSERIES LTD., 12682 WOOLRIDGE RD., PITT MEADOWS, B.C., V0M 1P0 604-465-6276 B. MORTON	HEATED	3 820	-	-	1985 - 1 880 1986 - 4 000 1987 - 4 000 1988 - 4 000	STYRO 313	S 100%
PRIVATE	INDUSTRIAL FORESTRY SERVICE LTD., NESS LAKE FOREST NURSERY, 101-1595 FIFTH AVENUE, PRINCE GEORGE, B.C., V2L 3L9 604-564-4115 F.P. DONNELLY	HEATED	8 779	1 700	3 300	1985 - 5 100 1988 - 5 100 1986 - 5 100 1987 - 5 100	STYRO 313	WS 90% LP 10%
PRIVATE	JARO FOREST SERVICES BOX 249 CUMBERLAND, B.C. V0R 1S0 604-336-2566 J.C. OSTERGARD	HEATED	385	-	20	1985 - 72 1986 - 200 1987 - 1988 - -	STYRO 211, 313	H GF
PRIVATE	MALASPINO COLLEGE NANAIMO CAMPUS, 900 5TH. ST., NANAIMO, B.C. V9R 5S5 D.THOMAS	HEATED				1985 - 500 1986 - 500 1987 - 500 1988 - 500		
PRIVATE	NUU-CHAH-NULTH TRIBAL COUNCIL FOREST NURSERIES, P.O. BOX 1383, PORT ALBERNI, B.C. V9Y 7M1 604-724-6333 D. JACOBSON	HEATED	3 012	-	97	1985 - 700 1986 - 1 250 1987 - 1 250 1988 - 1 250	STYRO 313B, 415	WS 59% WRC 16% WH 15% BF 7% OCON 3%
PRIVATE	PELTON REFORESTATION LTD., 12930 203RD ST., MAPLE RIDGE, B.C., V3Z 1A1 604-465-5411 N. PELTON	HEATED	20 000	9 000	9 000	1985 - 14 000 1986 - 32 500 1987 - 38 500 1988 - 38 500	STYRO 313, 313A, 415B	S 80% DF 18% OCON 2%
PRIVATE	REID COLLINS NURSERIES, BOX 430 ALDERGROVE, B.C., V0X 1A0 604-533-2212 L. GLEN	HEATED UNHEATED	6 145 1 650	3 600	2 700	1985 - 3 000 1986 - 9 600 1987 - 10 600 1988 - 10 600	STYRO 313	WS 70% WRC 30%

PROVINCE OF BRITISH COLUMBIA

CONTAINER STOCK PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 PRODUCTION AREA (TYPE)	1984 AREA AVAILABLE FOR PRODUCTION (M^2)	SHIPPABLE TREES ('000 TREES) 1983	 1984	PLANNED PRODUCTION 1985-1988 ('000 TREES)	CONTAINER TYPE	MAJOR SPECIES GROWN
PRIVATE	RIVERSIDE NURSERY, BOX 185, HEDLEY, B.C., V0X 1K0 604-292-8397 I. NELSON		-	-	-	1985 - 500 1986 - 500 1987 - 500 1988 - 500		
PRIVATE	RUFF'S GREENHOUSES BOX 1768, PRINCE GEORGE, B.C., V2L 4V7 604-963-7722 O. RUFF	HEATED UNHEATED	5 000 3 000	1 800	2 100	1985 - 3 800 1986 - 5 000 1987 - 5 000 1988 - 5 000	STYRO 211, 313	WS 90% LP 10%
PRIVATE	SUMMIT NURSERY LTD., BOX 540, SKILLHORN RD., TELKWA, B.C., V0J 2X0 604-846 5882 J. KITCHEN	HEATED	5 350	-	-	1985 - 2 850 1986 - 3 100 1987 - 3 100 1988 - 4 000	STYRO	S
PRIVATE	SYLVAN VALE NURSERY R.R. 1, KELLAND RD., BLACK CREEK, B.C., V0R 1C0 604-337-8487 R. SELWYN JONES	HEATED UNHEATED	8 789 2 511	2 900	5 000	1985 - 5 700 1986 - 5 400 1987 - 5 400 1988 - 5 400	STYRO 313, 415, 615	IS 49% DF 14% B 12% C 10% H 8% OCON 7%
PRIVATE	VALENTINE FARM, 1828 JOHN RD., SIDNEY, B.C., V8L 3X9 604-656-4696 D. EBURNE	HEATED	4 650	-	-	1985 - 600 1986 - 1 500 1987 - 2 000 1988 - 3 000	STYRO 313, 160	S
PRIVATE	WOODMERE NURSERY LTD., P.O. BOX 195, TELKWA, B.C., V0J 2X0 604-846-5750 C. KOOISTRA J. WONG	HEATED	4 860	-	-	1985 - 2 800 1986 - 5 300 1987 - 6 300 1988 - 7 300	STYRO 211, 312, 313, 415	S 98% OCON 2%
PRIVATE	WORLD SILVICULTURE LTD., R.R. 1, HWY. 97S OLIVER, B.C., V0H 1T0 604-498-4974 R. POWELL K. STRALBISKI	HEATED UNHEATED	6 600 8 100	5 400	3 930	1985 - 14 652 1986 - 19 000 1987 - 22 000 1988 - 24 200	STYRO 313, 211, 311, 415B	DF PL S

PROVINCE OF BRITISH COLUMBIA

CONTAINER STOCK PRODUCTION CENTRES

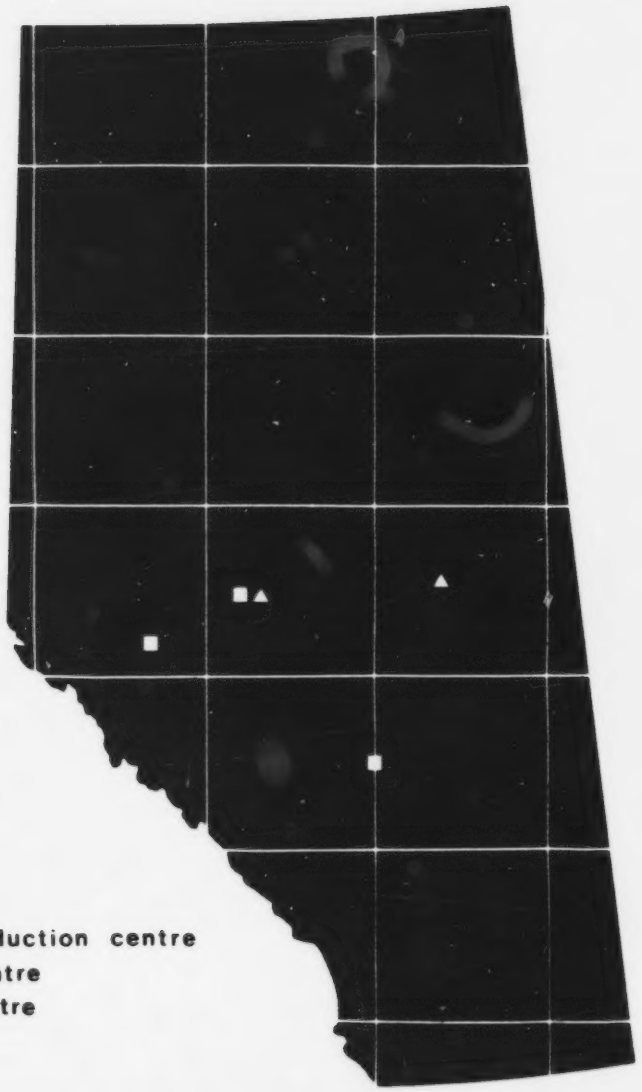
OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 PRODUCTION AREA (TYPE)	1984 AREA AVAILABLE FOR PRODUCTION (M^2)	SHIPPABLE TREES ('000 TREES) 1983	 1984	PLANNED PRODUCTION 1985-1988 ('000 TREES)	CONTAINER TYPE	MAJOR SPECIES GROWN
PRIVATE	YELLOW POINT PROPAGATION LONG LAKE RD., R.R. # 3, LADYSMITH, B.C. V0R 2E0 DON PIGGOT	HEATED				1985 - 500 1986 - 500 1987 - 500 1988 - 500		
PROVINCE	CAMPBELL RIVER NURSERY, MINISTRY OF FORESTS, BOX 22, CAMPBELL RIVER, B.C., V9W 4Z5 604-286-1015 R.G. HUDSON	HEATED OPEN AREA	3 700 20 500	2 300	2 100	1985 - 18 000 1986 - 18 000 1987 - 18 000 1988 - 18 000	STYRO 211, 313	BF S WRC H
PROVINCE	CHILLIWACK NURSERY, MINISTRY OF FORESTS BOX 242, VEDDER CROSSING, B.C., V0X 1Z0 604-858-7156 U. BITTERLICH	HEATED OPEN AREA	650 3 100	-	-	1985 - 455 1986 - 3 500 1987 - 3 500 1988 - 3 500	STYRO	S LP
PROVINCE	GREEN TIMBERS NURSERY, MINISTRY OF FORESTS, 9800 - 140 STREET, SURREY, B.C., V3T 4M5 604-581-2464 M.N. COLLARD	HEATED OPEN AREA	4 900 19 600	3 077	4 230	1985 - 9 730 1986 - 19 400 1987 - 12 400 1988 - 19 400	STYRO 211, 313	S LP
PROVINCE	HARROP NURSERY, MINISTRY OF FORESTS, R.R. 3, NELSON, B.C. V1L 5P6 604-225-5353 R. ELIAS	HEATED	7 000	3 460	4 100	1985 - 5 600 1986 - 6 400 1987 - 6 400 1988 - 6 400	STYRO 211, 313	S LP
PROVINCE	KOKSILAH NURSERY, MINISTRY OF FORESTS, 5847 CHESTERFIELD ST., BOX 816, DUNCAN, B.C. V9L 3Y2 604-746-5452 N.A. MARSHALL	HEATED UNHEATED SHELTERHOUSE OPEN AREA	7 200 2 370 1 960 12 600	5 750	10 000	1985 - 7 700 1986 - 17 000 1987 - 17 000 1988 - 17 000	STYRO 211,	S WRC H LP

PROVINCE OF BRITISH COLUMBIA
CONTAINER STOCK PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 PRODUCTION AREA (TYPE)	1984 AREA AVAILABLE FOR PRODUCTION (M^2)	SHIPPABLE TREES ('000 TREES) 1983	 1984	PLANNED PRODUCTION 1985-1988 ('000 TREES)	CONTAINER TYPE	MAJOR SPECIES GROWN
PROVINCE	RED ROCK NURSERY, MINISTRY OF FORESTS, 15 MILE ROAD, R.R. 7, R.M.D. 6, PRINCE GEORGE, B.C., V2N 2J5 604-963-9651 W. BERG	HEATED UNHEATED	1 000 540	560	700	1985 - 1 000 1986 - 1 100 1987 - 1 100 1988 - 1 100	STYRO 211, 313	P S
PROVINCE	SKIMIKIN NURSERY, MINISTRY OF FORESTS, GENERAL DELIVERY, TAPPEN, B.C., V0E 2X0 604-835-4541 T.H. HAMILTON	HEATED	4 060	3 060	4 500	1985 - 7 500 1986 - 11 000 1987 - 11 000 1988 - 11 000	STYRO 211, 313	P S F
PROVINCE	SURREY NURSERY, MINISTRY OF FORESTS, 3605 - 192 STREET, SURREY, B.C. V3S 4M9 604-576-9161 H. SCHROEDER	HEATED	4 900	8 800	6 900	1985 - 12 000 1986 - 23 000 1987 - 23 000 1988 - 23 000	STYRO 211, 313	S P F
PROVINCE	THORNHILL NURSERY, MINISTRY OF FORESTS 3446 EDLUND STREET, TERRACE, B.C., V8G 4T5 604-638-3298 T. HARVEY	HEATED UNHEATED	820 2 760	-	-	1985 - 10 000 1986 - 10 000 1987 - 10 000 1988 - 10 000	STYRO	S L
PROVINCE	VERNON NURSERY, MINISTRY OF FORESTS, 4604 PLEASANT VALLEY ROAD, VERNON, B.C. V1T 4M6 604-542-0264 M.G. KAISER	HEATED OPEN AREA	200 3 600	2 900	2 900	1985 - 3 300 1986 - 3 300 1987 - 3 300 1988 - 3 300	STYRO 211, 313	P L

CONTAINER TYPE : STYRO = BC/CFS STYROBLOCK.

Alberta



▲ bare-root/container production centre
● bare-root production centre
■ container production centre

PROVINCIAL SUMMARY	bare-root	container
Number of production centres	2	5
Area available for production	100 ha	27 115 m²
Area currently in production	36 ha	–
1984 Shippable production ('000)	9 600	15 139
1985/1986 Targeted production ('000)	14 200/ 12 300	23 740/23 750

PROVINCE OF ALBERTA

BARE-ROOT PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 AREA AVAILABLE FOR PRODUCTION (HA)	1984 AREA CURRENTLY IN PRODUCTION (HA)	PRODUCTIVE CAPACITY ('000 TREES)	SEEDLING PRODUCTION 1983 ('000 TREES SHIPPED)	SEEDLING PRODUCTION 1984 ('000 TREES SHIPPED)	PLANNED PRODUCTION 1985-1988 ('000 TREES)	MAJOR SPECIES GROWN
PRIVATE	WHITECOURT MOUNTAIN SEEDLING NURSERY BOX 1257 WHITECOURT, ALTA., T0E 2L0 403-778-4774 W.B. HUTCHISON	20	10	1 000	100	200	1985 - 200 1986 - 300 1987 - 300 1988 - 400	CON 50% DEC 50%
PROVINCE	PINE RIDGE FOREST NURSERY, ALBERTA FOREST SERVICE, DEPT. OF ENERGY & NATURAL RESOURCES, BOX 750, SMOKEY LAKE, ALTA., T0A 3C0 403-656-4130 R. WINN	80	26	16 000	7 000	9 400	1985 - 14 000 1986 - 12 000 1987 - 8 000 1988 - 6 000	WS 90% LP 10%

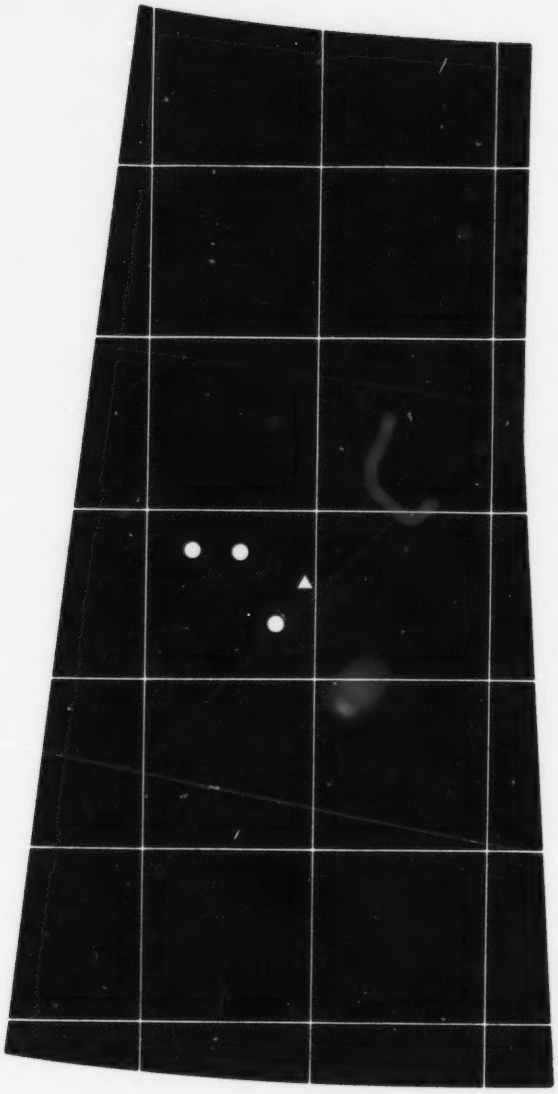
PROVINCE OF ALBERTA

CONTAINER STOCK PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 PRODUCTION AREA (TYPE)	1984 AREA AVAILABLE FOR PRODUCTION (M^2)	SHIPPABLE TREES ('000 TREES) 1983	 1984	PLANNED PRODUCTION 1985-1988 ('000 TREES)	CONTAINER TYPE	MAJOR SPECIES GROWN
INDUSTRY	BLUE RIDGE LUMBER (1981) LTD., BOX 1079, WHITECOURT, ALTA., T0E 2L0 403-648-3733 D. CURREY	HEATED UNHEATED	610 750	1 000	500	1985 - 1 000 1986 - 1 000 1987 - 1 000 1988 - 1 000	SP/LE 5,6	WS 80% LP 20%
INDUSTRY	CHAMPION FOREST PRODUCTS (ALBERTA) LTD., BAG SERVICE 8000 HINTON, ALTA. T0E 1B0 403-865-2251 EXT.497 S. TORNBLOM	HEATED	1 115	1 610	1 087	1985 - 2 000 1986 - 2 000 1987 - 2 000 1988 - 2 000	SP/LE 6	LP 80% WS 20%
PRIVATE	PRAIRIE SUN GREENHOUSES BOX 4, R.R. #2, LACOMBE, ALTA., T0C 1S0 403-347-3007 J. BOUW	HEATED SHELTER	2 500 5 000	-	250	1985 - 140 1986 - 250 1987 - 400 1988 - 500	STYRO 4, 5	WS 70% LP 15% PP 15%
PRIVATE	WHITECOURT MOUNTAIN SEEDLING NURSERY BOX 1257, WHITECOURT, ALTA., T0E 2L0 403-778-4774 W.B. HUTCHISON	HEATED SHELTER	2 500 600	500	800	1985 - 2 600 1986 - 2 500 1987 - 2 500 1988 - 2 500	STYRO SP/LE	S 40% P 40% DEC 20%
PROVINCE	PINE RIDGE FOREST NURSERY, ALBERTA FOREST SERVICE, DEPT. OF ENERGY & NATURAL RESOURCES, BOX 750, SMOKY LAKE, ALTA., T0A 3C0 403-656-4130 R. WINN	HEATED	14 040	20 233	12 502	1985 - 18 000 1986 - 18 000 1987 - 18 000 1988 - 18 000	SP/LE 6	WS 90% LP 10%

CONTAINER TYPE : SP/LE = SPENCER-LEMAIRE "ROOTRAINERS"; STYRO = BC/CFS STYROBLOCK.

Saskatchewan



▲ bare-root/container production centre
● bare-root production centre
■ container production centre

PROVINCIAL SUMMARY	bare-root	container
Number of production centres	4	0
Area available for production	151 ha	1 134 m²
Area currently in production	83 ha	–
1984 Shippable production ('000)	10 647	–
1985/1986 Targeted production ('000)	11 365/18 159	765/1 530

PROVINCE OF SASKATCHEWAN

BARE-ROOT PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 AREA AVAILABLE FOR PRODUCTION (HA)	1984 AREA CURRENTLY IN PRODUCTION (HA)	PRODUCTIVE CAPACITY ('000 TREES)	SEEDLING PRODUCTION 1983 ('000 TREES)	SEEDLING PRODUCTION 1984 SHIPPED)	PLANNED PRODUCTION 1985-1988 ('000 TREES)	MAJOR SPECIES GROWN
PROVINCE	BIG RIVER FOREST NURSERY, DEPT. OF PARKS AND RENEWABLE RESOURCES, BIG RIVER, SASK., S0J 0E0 306-469-2180 J. McCUTCHEON	22	14	7 000	4 225	4 661	1985 - 3 565 1986 - 10 159 1987 - 7 349 1988 - 5 681	WS 75% JP 25%
PROVINCE	CHITEK LAKE FOREST NURSERY, DEPT. OF PARKS AND RENEWABLE RESOURCES, P.O. BOX 48 CHITEK LAKE, SASK., S0J 0L0 306-984-2157 J. CHERNYSH	9	4	1 000	216	445	1985 - 1 000 1986 - 1 000 1987 - 1 000 1988 - 1 000	JP 65% WS 25% RP 10%
PROVINCE	PRINCE ALBERT FOREST NURSERY, DEPT. OF PARKS AND RENEWABLE RESOURCES, BOX 3003 PRINCE ALBERT, SASK., S6V 6G1 306-764-9119 L. REMPEL	111	61	30 000	7 300	5 200	1985 - 5 800 1986 - 6 000 1987 - 8 000 1988 - 8 000	WS JP
PROVINCE	SOUTHBRANCH FOREST NURSERY, DEPT. OF PARKS AND RENEWABLE RESOURCES, BOX 3003 PRINCE ALBERT, SASK., S6V 6G1 306-467-4461 J. CHERNYSH	9	4	1 000	862	341	1985 - 1 000 1986 - 1 000 1987 - 1 000 1988 - 1 000	WS 60% JP 20% RP 10% OCON 10%

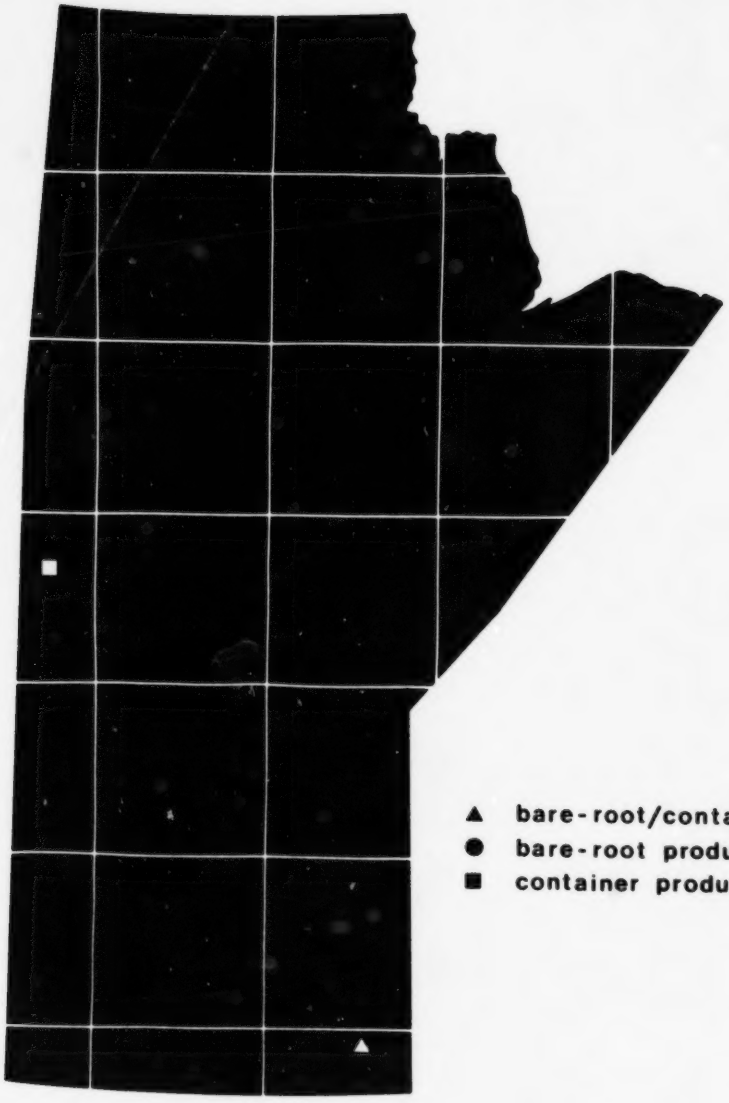
PROVINCE OF SASKATCHEWAN

CONTAINER STOCK PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 PRODUCTION AREA (TYPE)	1984 AREA AVAILABLE FOR PRODUCTION (M^2)	SHIPPABLE TREES ('000 TREES) 1983	SHIPPABLE TREES ('000 TREES) 1984	PLANNED PRODUCTION 1985-1988 ('000 TREES)	CONTAINER TYPE	MAJOR SPECIES GROWN
PROVINCE	PRINCE ALBERT FOREST NURSERY, DEPT. OF PARKS AND RENEWABLE RESOURCES, BOX 3003, PRINCE ALBERT, SASK., S6V 6G1 306-764-9119 L. REMPEL	HEATED	1 134	-	-	1985 - 765 1986 - 1 530 1987 - 1 530 1988 - 1 530	MULTI 2	PS JP

CONTAINER TYPE : MULTI = CAN-AM MULTIPOT.

Manitoba



▲ bare-root/container production centre
● bare-root production centre
■ container production centre

PROVINCIAL SUMMARY	bare-root	container
Number of production centres	1	2
Area available for production	38 ha	6 582 m²
Area currently in production	24 ha	–
1984 Shippable production ('000)	2 700	3 722
1985/1986 Targeted production ('000)	4 500/4 500	7 688/10 360

PROVINCE OF MANITOBA

BARE-ROOT PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984			SEEDLING PRODUCTION		PLANNED PRODUCTION 1985-1988 ('000 TREES)	MAJOR SPECIES GROWN
		AREA AVAILABLE FOR PRODUCTION (HA)	AREA CURRENTLY IN PRODUCTION (HA)	PRODUCTIVE CAPACITY ('000 TREES)	1983 ('000 TREES SHIPPED)	1984		
PROVINCE	PINELAND PROVINCIAL FOREST NURSERY, BOX 45, HADASHVILLE, MAN., R0E 0X0 204-426-5235 J. ATKINSON	38	24	10 000	3 600	2 700	1985 - 4 500 1986 - 4 500 1987 - 6 000 1988 - 10 000	JP 37% WS 35% RP 15% BS 8% OCON 5%

PROVINCE OF MANITOBA

CONTAINER STOCK PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 PRODUCTION AREA (TYPE)	1984 AREA AVAILABLE FOR PRODUCTION (M^2)	SHIPPABLE TREES ('000 TREES) 1983	 1984	PLANNED PRODUCTION 1985-1988 ('000 TREES)	CONTAINER TYPE	MAJOR SPECIES GROWN
PROVINCE	CLEARWATER PROVINCIAL FOREST NURSERY DEPT. OF NATURAL RESOURCES, BOX 2550, THE PAS, MAN., R9A 1M4 204-624-5769 F.W. McKINNEY	HEATED	2 862	393	1 255	1985 - 3 488 1986 - 4 360 1987 - 5 232 1988 - 5 232	PAPPT 408	BS 79% WS 19% OCON 2%
PROVINCE	PINELAND PROVINCIAL TREE NURSERY DEPT. OF NATURAL RESOURCES, BOX 45, HADASHVILLE, MAN., R0E 0X0 204-426-5235 J. ATKINSON	HEATED	3 720	1 553	2 467	1985 - 4 200 1986 - 6 000 1987 - 6 000 1988 - 6 000	PAPPT 408 MULTI 1, 5	BS 75% WS 25%

CONTAINER TYPE : PAPPT = PAPERPOT; MULTI = CAN-AM MULTIPOT.

Ontario

▲ bare-root/container production centre
● bare-root production centre
■ container production centre

PROVINCIAL SUMMARY	bare-root	container
Number of production centres	11	32
Area available for production	761 ha	77 979 m²
Area currently in production	657 ha	–
1984 Shippable production ('000)	59 938	81 458
1985/1986 Targeted production ('000)	71 151/68 875	78 731/88 986

PROVINCE OF ONTARIO

BARE-ROOT PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 AREA AVAILABLE FOR PRODUCTION (HA)	1984 AREA CURRENTLY IN PRODUCTION (HA)	PRODUCTIVE CAPACITY ('000 TREES)	SEEDLING PRODUCTION ('000 TREES SHIPPED) 1983	 1984	PLANNED PRODUCTION 1985-1988 ('000 TREES)	MAJOR SPECIES GROWN
INDUSTRY	KIMBERLY-CLARK OF CANADA LIMITED, WOODLANDS DIVISION, LONGLAC, ONT., P0T 2A0 807-876-2221 H.T. STANLEY	16	12	1 250	720	530	1985 - 1 000 1986 - 1 200 1987 - 1 200 1988 - 2 000	BS 60% WS 40%
PROVINCE	CHAPLEAU NURSERY MINISTRY OF NATURAL RESOURCES, 190 CHERRY ST., CHAPLEAU, ONT., P0M 1K0 705-864-1717 J. CARLTON	8	7	3 300	2 153	2 660	1985 - 3 617 1986 - 3 369 1987 - 1 628 1988 - 3 100	JP 100%
PROVINCE	DRYDEN TREE NURSERY, MINISTRY OF NATURAL RESOURCES, BOX 90, MARIGOON, ONT., P0V 2R0 807-938-6326 M. McINTYRE	41	41	7 000	2 200	3 700	1985 - 4 100 1986 - 3 700 1987 - 7 200 1988 - 7 000	BS 60% JP 20% WS 10% RP 10%
PROVINCE	G. HOWARD FERGUSON FOREST STATION MINISTRY OF NATURAL RESOURCES, R.R. 4, KEMPTVILLE, ONT., K0G 1G0 613-258-3413 A.J. CAMPBELL	141	115	12 000	7 094	7 752	1985 - 7 200 1986 - 8 200 1987 - 9 000 1988 - 9 000	EWP 44% RP 17% WS 16% EWC 6% OCON 13% ODEC 4%
PROVINCE	GOGAMA FOREST STATION, MINISTRY OF NATURAL RESOURCES, BOX 129, GOGAMA, ONT., P0M 1W0 705-894-2075 B. GOWER	14	10	3 500	3 200	2 800	1985 - 3 500 1986 - 3 200 1987 - 1 600 1988 - 3 500	JP 100%

PROVINCE OF ONTARIO
BARE-ROOT PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 AREA AVAILABLE FOR PRODUCTION (HA)	1984 AREA CURRENTLY IN PRODUCTION (HA)	PRODUCTIVE CAPACITY ('000 TREES)	SEEDLING PRODUCTION 1983 ('000 TREES SHIPPED)	SEEDLING PRODUCTION 1984 ('000 TREES SHIPPED)	PLANNED PRODUCTION 1985-1988 ('000 TREES)	MAJOR SPECIES GROWN
PROVINCE	KIRKWOOD FOREST STATION, MINISTRY OF NATURAL RESOURCES, BOX 310, THESSALON, ONT., P0R 1L0 705-842-3914 G. CONNELL	15	4	1 200	701	1 471	1985 - 930 1986 - 1 200 1987 - 1 200 1988 - 1 380	JP 50% RP 50%
PROVINCE	MIDHURST FOREST STATION, MINISTRY OF NATURAL RESOURCES, MIDHURST, ONT., L0L 1X0 705-728-2900 K. REESE	120	94	10 000	8 600	6 600	1985 - 8 100 1986 - 5 300 1987 - 7 800 1988 - 9 900	WS 30% EWP 24% RP 16% EWC 9% SP 5% OCON 10% ODEC 6%
PROVINCE	ORONO FOREST STATION, MINISTRY OF NATURAL RESOURCES, BOX 119, ORONO, ONT., L0B 1M0 416-983-9147 G. McLEOD	85	58	8 300	5 528	6 456	1985 - 5 088 1986 - 5 060 1987 - 7 200 1988 - 6 000	WS 32% RP 30% EWP 15% EWC 9% SP 4% NS 2% ODEC 8%
PROVINCE	ST. WILLIAMS FOREST STATION, MINISTRY OF NATURAL RESOURCES, R.R. 1, ST. WILLIAMS, ONT., N0E 1P0 519-586-3576 A. WYNIA	85	80	8 100	6 473	6 058	1985 - 6 689 1986 - 5 900 1987 - 6 226 1988 - 6 226	EWP 40% EWC 21% WS 9% NS 9% WA 6% X 15%
PROVINCE	SWASTIKA TREE NURSERY, MINISTRY OF NATURAL RESOURCES, BOX 129, SWASTIKA, ONT., P0K 1T0 705-567-3372 L. FORCIER	114	114	22 000	17 900	15 911	1985 - 20 427 1986 - 19 546 1987 - 19 546 1988 - 19 546	BS 68% WS 26% JP 6%
PROVINCE	THUNDER BAY FOREST STATION, MINISTRY OF NATURAL RESOURCES, R.R. 1, THUNDER BAY, ONT., P7C 4T9 807-939-2561 R. KLAPPRAT	122	122	19 000	10 000	6 000	1985 - 10 500 1986 - 12 200 1987 - 15 000 1988 - 16 000	BS 75% WS 14% JP 10% RP 1%

PROVINCE OF ONTARIO

CONTAINER STOCK PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 PRODUCTION AREA (TYPE)	1984 AREA AVAILABLE FOR PRODUCTION (M^2)	SHIPPABLE TREES ('000 TREES) 1983	1984	PLANNED PRODUCTION 1985-1988 ('000 TREES)	CONTAINER TYPE	MAJOR SPECIES GROWN
PRIVATE	A & R GREENHOUSES LTD., R.R. 1, HURKETT, ONT., P0T 1K0 807-857-2471 F. RAUER, J. ASPERJAN	HEATED	2 007	1 420	2 174	1985 - 1986 - 1987 - 1988 -	PAPPT 408	BS 52% JP 48%
PRIVATE	AIDIE CREEK GARDENS, R.R. 3 ENGLEHART, ONT., P0J 1H0 705-544-2474 C. WARNER	HEATED	4 375	2 504	2 633	1985 - 1986 - 1987 - 1988 -	PAPPT 408	BS 64% JP 30% WS 6%
PRIVATE	AQUANORTH INC., P.O. BOX 390, NORTH BAY, ONT., P1B 8H9 705-472-4709 G. LIDDLE	HEATED	1 908	-	2 794	1985 - 1986 - 1987 - 1988 -	PAPPT 408	JP 66% RP 18% ENP 16%
PRIVATE	BIRCHILL NURSERIES INC., R.R. 2 COCHRANE, ONT., P0L 1C0 705-272-6185 J.R. SKIDMORE	HEATED	2 890	493	2 100	1985 - 1986 - 1987 - 1988 -	PAPPT 408	BS 100%
PRIVATE	BLAZECKA'S GREENHOUSES, R.R. 2 COCHRANE, ONT., P0L 1C0 705-272-3915 J. BLAZECKA	HEATED	1 490	957	1 137	1985 - 1986 - 1987 - 1988 -	PAPPT 408	BS 81% JP 19%
PRIVATE	COOK LAKE NURSERIES, R. R. 1, DRYDEN, ONT., P8N 2Y4 807-937-5381 W. SCHNEIDER	HEATED	668	685	1 335	1985 - 1986 - 1987 - 1988 -	SP/LE 6	JP 50% BS 50%

PROVINCE OF ONTARIO

CONTAINER STOCK PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 PRODUCTION AREA (TYPE)	1984 AREA AVAILABLE FOR PRODUCTION (M^2)	SHIPPABLE TREES ('000 TREES) 1983	SHIPPABLE TREES ('000 TREES) 1984	PLANNED PRODUCTION 1985-1988 ('000 TREES)	CONTAINER TYPE	MAJOR SPECIES GROWN
PRIVATE	CREEKSIDE NURSERY LTD., R.R. 11, THUNDER BAY, ONT., P7B 5E2 807-345-3131 D. TREVISANUTTO	HEATED	3 211	2 050	4 141	1985 - 1986 - 1987 - 1988 -	PAPPT 408	BS 54% JP 46%
PRIVATE	ENERGREEN ENTERPRISES INC., BOX 329, SWASTIKA, ONT., P0K 1T0 705-642-3426 G. LEVANGIE	HEATED	4 715	3 872	7 545	1985 - 1986 - 1987 - 1988 -	PAPPT 408	JP 72% BS 28%
PRIVATE	EVERGREEN FARMS, 48 PRINCESS ST., DRYDEN, ONT., P8N 1C7 807-937-5239 C. QUEAU	HEATED	2 020	2 295	3 094	1985 - 1986 - 1987 - 1988 -	SP/LE 6	JP 61%
PRIVATE	GRUNDY'S NURSERIES LTD., PASS LAKE, ONT., P0T 2H0 807-977-2832 E. GRUNDY	HEATED	1 605	1 250	2 408	1985 - 1986 - 1987 - 1988 -	PAPPT 408	BS 52% JP 48%
PRIVATE	HILLS GREENHOUSES LTD., OLIVER ROAD, MURILLO, ONT., P0T 2G0 807-935-2626 H. VANDUYN R. MEEMS	HEATED	3 612	2 300	5 639	1985 - 1986 - 1987 - 1988 -	PAPPT 408	BS 69% JP 31%
PRIVATE	HODWITZ ENTERPRISES LTD., R.R. 6, THUNDER BAY, ONT., P7C 5N5 807-939-6027 J. HODWITZ D. HODWITZ	HEATED	4 571	3 030	5 861	1985 - 1986 - 1987 - 1988 -	PAPPT 408	JP 59% BS 41%
PRIVATE	JELLIEN NURSERIES (ARMSTRONG) LTD., BOX 164, ARMSTRONG, ONT., P0T 1A0 807-583-2055 T. NEILL J. NEILL	HEATED	1 605	-	1 150	1985 - 1986 - 1987 - 1988 -	PAPPT 408	BS 100%

PROVINCE OF ONTARIO

CONTAINER STOCK PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 PRODUCTION AREA (TYPE)	1984 AREA AVAILABLE FOR PRODUCTION (M^2)	SHIPPABLE TREES ('000 TREES) 1983	SHIPPABLE TREES ('000 TREES) 1984	PLANNED PRODUCTION 1985-1988 ('000 TREES)	CONTAINER TYPE	MAJOR SPECIES GROWN	
PRIVATE	LA MAISON VERTE, BOX 1868, HEARST, ONT., P0L 1N0 705-362-7040 M. LAMI	HEATED	1 248	451	1 952	1985 - 1986 - 1987 - 1988 -	PAPPT 408	BS JP	81% 19%
PRIVATE	LAFLEUR GARDENS LTD, R.R. 2, TIMMINS, ONT., P4N 7C3 705-268-2323 R. LAFLEUR	HEATED	3 921	3 317	6 653	1985 - 1986 - 1987 - 1988 -	PAPPT 408	JP BS	58% 42%
PRIVATE	LAVA MOUNTAIN LTD., BOX 10, RAMORE, ONT., P0K 1R0 705-236-4287 D.E. BOOTHE	HEATED	2 984	4 050	4 531	1985 - 1986 - 1987 - 1988 -	PAPPT 408	BS	100%
PRIVATE	M. KEAN RESOURCES, 624 CEDAR ST. NORTH, TIMMINS, ONT., P4N 6K4 705-264-2048 M. KEAN	HEATED	1 417	225	888	1985 - 1986 - 1987 - 1988 -	PAPPT 408	JP	100%
PRIVATE	MILLSON FORESTRY SERVICE, R.R. 1 TIMMINS, ONT., P4N 7C2 705-232-4836 D. MILLSON	---------- VAL GAGNE SITE ----------							
		HEATED	1 605	1 205	1 938	1985 - 1986 - 1987 - 1988 -	PAPPT 408	BS JP	63% 37%
PRIVATE	MILLSON FORESTRY SERVICE, R.R. 1 TIMMINS, ONT., P4N 7C2 705-232-4836 D. MILLSON	---------- TIMMINS SITE ----------							
		HEATED	302	251	251	1985 - 1986 - 1987 - 1988 -	PAPPT 408	JP	100%
PRIVATE	NEW NORTH GREENHOUSES INC., P.O. BOX 1267, SAULT STE. MARIE, ONT., P6A 6N1 705-779-2168 PAT ROSS	HEATED	-	-	-	1985 - 1986 - 1987 - 1988 -	PAPPT 408		

PROVINCE OF ONTARIO

CONTAINER STOCK PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 PRODUCTION AREA (TYPE)	1984 AREA AVAILABLE FOR PRODUCTION (M^2)	SHIPPABLE TREES ('000 TREES) 1983	SHIPPABLE TREES ('000 TREES) 1984	PLANNED PRODUCTION 1985-1988 ('000 TREES)	CONTAINER TYPE	MAJOR SPECIES GROWN
PRIVATE	NORTHERN GREENHOUSE FARMS LTD., BOX 1160, TIMMINS, ONT., P4N 5X4 705-433-2299	HEATED	2 657	3 783	3 317	1985 - 1986 - 1987 - 1988 -	PAPPT 408	BS 64% JP 36%
PRIVATE	NORTH GRO DEVELOPMENT LTD., 75 GOVERNMENT ROAD WEST, KIRKLAND LAKE, ONT., P2N 2E6 705-567-5646 A.S. AIDELBAUM	HEATED	2 890	2 268	2 045	1985 - 1986 - 1987 - 1988 -	PAPPT 408	BS 76% WS 24%
PRIVATE	NORTH SHORE NURSERY, R.R. # 1, BRUCE MINES, ONT., P0R 1C0 705-785-3788 AMY-JEAN BOLDUC	HEATED	536	-	690	1985 - 1986 - 1987 - 1988 -	PAPPT 403	JP 100%
PRIVATE	SANDERS GREENHOUSES INC. 2150 HWY. 144, R.R.# 3, CHELMSFORD, ONT., P0M 1L0 705-855-4380/3316 C. SANDERS	HEATED	536	-	673	1985 - 1986 - 1987 - 1988 -	PAPPT 408	JP 100%
PRIVATE	SUDBURY GROWERS P.O. BOX 358, CHELMSFORD, ONT., P0M 1L0 705-855-4487 W. SANDERS	HEATED	-	-	-	1985 - 1986 - 1987 - 1988 -	PAPPT 408	
PRIVATE	TAMARAC NURSERIES, R.R. 2, DRYDEN, ONT., P8N 2Y5 807-937-6621 D. LICK	HEATED	722	1 286	1 670	1985 - 1986 - 1987 - 1988 -	SP/LE 6	JP 61% BS 39%
PRIVATE	THE TOMATO PLANT DEPLONTY ROAD, BRUCE MINES, ONT., P0R 1C0 705-782-6677 R. LAWRENCE	HEATED	-	-	-	1985 - 1986 - 1987 - 1988 -	PAPPT 408	

PROVINCE OF ONTARIO

CONTAINER STOCK PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 PRODUCTION AREA (TYPE)	1984 AREA AVAILABLE FOR PRODUCTION (M^2)	SHIPPABLE TREES ('000 TREES) 1983	1984	PLANNED PRODUCTION 1985-1988 ('000 TREES)	CONTAINER TYPE	MAJOR SPECIES GROWN
PRIVATE	WALSH NURSERY LTD., KEMPTVILLE, ONT., K0G 1J0 613-258-3053 I. WALSH	HEATED UNHEATED	740 280	547	482	1985 - 1986 - 1987 - 1988 -	MULTI 1	EWP 60% L 40%
PRIVATE	WEBB'S FARM R.R. #1 BONFIELD, ONT., P0M 1E0 705-776-2506 V. WELLS	HEATED	-	-	-	1985 - 1986 - 1987 - 1988 -	PAPPT	
PRIVATE	WELLAIR CONCEPTS INC., BOX 339, EAR FALLS, ONT., P0V 1T0 807-222-2325 G. HICKS	HEATED	1 650	2 835	3 279	1985 - 1986 - 1987 - 1988 -	SP/LE 6	JP 91% BS 9%
PROVINCE	DRYDEN TREE NURSERY, BOX 90, WABIGOON, ONT., P0V 2W0 807-938-6326 M. MCINTYRE	HEATED	2 230	3 743	2 998	1985 - 1986 - 1987 - 1988 -	SP/LE 6	BS 86% JP 14%
PROVINCE	G. HOWARD FERGUSON FOREST STN., MINISTRY OF NATURAL RESOURCES, R.R. 4, KEMPTVILLE, ONT., K0G 1G0 613-258-3413 A.J. CAMPBELL	HEATED UNHEATED SHELTERHOUSE	900 300 1 200	765	495	1985 - 1986 - 1987 - 1988 -	MULTI 1	EWP 73% BS 8% JP 7% OCON 12%
PROVINCE	ORONO FOREST STATION MINISTRY OF NATURAL RESOURCES P.O. BOX 119, ORONO, ONT., L0B 1M0 416-983-9147 G.R. MCLEOD	HEATED SHELTERHOUSE	1 663 4 830	-	62	1985 - 1986 - 1987 - 1988 -	MULTI 1	SP 81% L 19%
PROVINCE	SWASTIKA FOREST STATION MINISTRY OF NATURAL RESOURCES, BOX 129, SWASTIKA, ONT., P0K 1T0 705-567-3372 L.J. FORCIER	HEATED	4 700	1 973	672	1985 - 1986 - 1987 - 1988 -	PAPPT 308	BS 100%

PROVINCE OF ONTARIO
CONTAINER STOCK PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 PRODUCTION AREA (TYPE)	1984 AREA AVAILABLE FOR PRODUCTION (M2)	SHIPPABLE TREES ('000 TREES) 1983	SHIPPABLE TREES ('000 TREES) 1984	PLANNED PRODUCTION 1985-1988 ('000 TREES)	CONTAINER TYPE	MAJOR SPECIES GROWN
PROVINCE	THESSALON NURSERY MINISTRY OF NATURAL RESOURCES, BOX 310, THESSALON, ONT., P0R 1L0 705-842-3914 G. CONNELL	HEATED	4 491	4 063	4 051	1985 - 1986 - 1987 - 1988 -	PAPPT 408, LT	JP 80% RP 11% BS 5% OCON 4%
PROVINCE	THUNDER BAY FOREST STATION, R.R. 1, THUNDER BAY, ONT., P7C 4T9 807-939-2561 R. KLAPPRAT	HEATED	1 500	2 400	2 800	1985 - 1986 - 1987 - 1988 -	SP/LE 6, MULTI 1	BS 50% JP 50%

CONTAINER TYPES: SP/LE = SPENCER-LEMAIRE "FERDINAND"; PAPPT = PAPERPOT; MULTI = CAN-AM MULTIPOT; LT = RAY LEACH SUPER STUBBY.

Quebec

PROVINCIAL SUMMARY	bare-root	container
Number of production centres	8	15
Area available for production	387 ha	126 870 m²
Area currently in production	387 ha	–
1984 Shippable production ('000)	47 400	21 500
1985/1986 Targeted production ('000)	66 500/61 000	35 000/99 000

PROVINCE OF QUEBEC

BARE-ROOT PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 AREA AVAILABLE FOR PRODUCTION[a] (HA)	1984 AREA CURRENTLY IN PRODUCTION[a] (HA)	PRODUCTIVE CAPACITY[a] ('000 TREES)	SEEDLING PRODUCTION 1983 ('000 TREES SHIPPED)	SEEDLING PRODUCTION 1984 ('000 TREES SHIPPED)	PLANNED PRODUCTION 1985-1988 ('000 TREES)	MAJOR SPECIES GROWN[b]
PROVINCE	PEPINIERE BERTHIERVILLE MINISTERE DE L'ENERGIE ET DES RESSOURCES, C.P. 540, BERTHIERVILLE, QUE., J0K 1A0 514-836-3788 J-PAUL CAMPAGNA	40	40	6 000	6 400	6 800	1985 - 1986 - 1987 - 1988 -	
PROVINCE	STATION FORESTIERE DUCHESNAY MINISTERE DE L'ENERGIE ET DES RESSOURCES, C.P. 310 DUCHESNAY, QUE., G0A 3M0 418-875-1352 A. BONNEAU	15	11	6 000	4 600	3 800	1985 - 1986 - 1987 - 1988 -	
PROVINCE	PEPINIERE GRANDES-PILES MINISTERE DE L'ENERGIE ET DES RESSOURCES, 210 BOUL. DUCHARME, GRANDES-PILES, QUE., G0X 1H0 819-538-2055 R. COTE	47	36	9 000	4 400	3 200	1985 - 1986 - 1987 - 1988 -	
PROVINCE	PEPINIERE NORMANDIN, MINISTERE DE L'ENERGIE ET DES RESSOURCES, RANG 3, NORMANDIN, QUE., G0W 2E0 418-274-2420 M. CHABOT	32	32	9 200	4 800	6 800	1985 - 1986 - 1987 - 1988 -	
PROVINCE	STE-LUCE PEPINIERE MINISTERE DE L'ENERGIE ET DES RESSOURCES, C.P. 100, LUCEVILLE, QUE., G0K 1E0 418-739-4819 R. HENLEY	60	60	15 400	11 000	10 700	1985 - 1986 - 1987 - 1988 -	

PROVINCE OF QUEBEC

BARE-ROOT PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 AREA AVAILABLE FOR PRODUCTION[a] (HA)	1984 AREA CURRENTLY IN PRODUCTION[a] (HA)	PRODUCTIVE CAPACITY[a] ('000 TREES)	SEEDLING PRODUCTION 1983 ('000 TREES)	SEEDLING PRODUCTION 1984 SHIPPED)	PLANNED PRODUCTION 1985-1988 ('000 TREES)	MAJOR SPECIES GROWN[b]
PROVINCE	PEPINIERE ST-MODESTE MINISTERE DE L'ENERGIE ET DES RESSOURCES, 410 RUE PRINCIPALE, ST-MODESTE, QUE., G0L 3W0 418-862-5511 L. GODBOUT	34	34	11 000	9 000	8 200	1985 - 1986 - 1987 - 1988 -	
PROVINCE	PEPINIERE TRECESSON MINISTERE DE L'ENERGIE ET DES RESSOURCES, CHEMIN DE L'AEROPORT, C.P. 368, AMOS, QUE., J9T 3A7 819-732-9349 A. ROY	43	26	10 500	8 400	7 600	1985 - 1986 - 1987 - 1988 -	
PRIVATE	FOR-ESTRIE INC. ROUTE RURALE NO. 1 CHEMIN SIMARD MARTINVILLE, QUE., J0B 2A0 418-835-9286 F. BRULOTTE	-	-	-	-	300	1985 - 1986 - 1987 - 1988 -	

[a] SOURCE: FOREST TREE PRODUCTION CENTRES IN CANADA - 1983.
[b] CURRENT DATA ARE AVAILABLE ONLY ON A PROVINCIAL BASIS AS FOLLOWS; BS 28%, JP 26%, WS 23%, NS 8%, RP 7%, BF 4%, OCON 4%.

PROVINCE OF QUEBEC

CONTAINER STOCK PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 PRODUCTION AREA (TYPE)	1984 AREA AVAILABLE FOR PRODUCTION (M^2)	SHIPPABLE TREES ('000 TREES) 1983	SHIPPABLE TREES ('000 TREES) 1984	PLANNED PRODUCTION 1985-1988 ('000 TREES)	CONTAINER TYPE	MAJOR SPECIES GROWN
PRIVATE	CENTRE DE PRODUCTION DE PLANTS FORESTIERS DE QUEBEC INC., 239A, COTE STE-ANNE, STE-ANNE DE BEAUPRE, QUE., G0A 3C0 418-827-4696 R. GOHIER	HEATED	-	-	600	1985 - 1986 1987 1988	IPLCO 45, 67	RS 30% BS 25% NS 15% JP 10% OCON 20%
PRIVATE	LES SERRES DE GUYENNE INC. GUYENNE, QUE., J0Y 1L0 819-746-3121 F. MIRON	HEATED	3 438	2 400	3 900	1985 - 1986 - 1987 - 1988 -	STYRO	BS 66% JP 34%
PRIVATE	LES SERRES DE MANSEAU 1852, ROUTE 218, MANSEAU, LOTBINIERE, G0X 1V0 819-356-2368 R. DUBOIS	-	-	100	1 300	1985 - 1986 - 1987 - 1988 -		
PRIVATE	PAMPEV INC., 212 RANG ST-LAZARE ST-APPOLINAIRE G0S 2E0 418-767-3114 L. GODIN	-	-	1 000	1 300	1985 - 1986 - 1987 - 1988 -		
PROVINCE	PEPINIERE EAST-ANGUS MINISTERE DE L'ENERGIE ET DES RESSOURCES, 220 RUE ANGUS-SUD C.P. 819, EAST ANGUS, QUE., J0B 1R0 819-832-3431 C. CARRIER	HEATED	6 273	6 800	9 200	1985 - 1986 - 1987 - 1988 -	MEROU IPLCO	BS 100%

PROVINCE OF QUEBEC
CONTAINER STOCK PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 PRODUCTION AREA (TYPE)	1984 AREA AVAILABLE FOR PRODUCTION (M^2)	SHIPPABLE TREES ('000 TREES) 1983	SHIPPABLE TREES ('000 TREES) 1984	PLANNED PRODUCTION 1985-1988 ('000 TREES)	CONTAINER TYPE	MAJOR SPECIES GROWN
PROVINCE	PEPINIERE NORMANDIN, MINISTERE DE L'ENERGIE ET DES RESSOURCES, RANG 3, NORMANDIN, QUE., G0W 2E0 418-274-2420 M. CHABOT	-	-	-	100	1985 - 1986 - 1987 - 1988 -		BS 49% WS 25% JP 24% OCON 2%
PROVINCE	PEPINIERE ST-MODESTE MINISTERE DE L'ENERGIE ET DES RESSOURCES, 410 RUE PRINCIPALE, ST-MODESTE, QUE., G0L 3W0 418-862-5511 L. GODBOUT	-	-	-	1 100	1985 - 1986 - 1987 - 1988 -		BS 54% NS 22% WS 9% JP 5% RP 4% BF 3% L 2% SP 1%

[a] SOURCE: FOREST TREE PRODUCTION CENTRES IN CANADA - 1983. CURRENT DATA ARE UNAVAILABLE.
[b] NOT INCLUDED IN THE 1984 LISTINGS WERE EIGHT ONE-YEAR CONTRACTS THAT PRODUCED 4.1 MILLION SEEDLINGS

CONTAINER TYPES: MERQU = QUEBEC TUBE; IPLCO = IPL CONTAINER; MULTI = CAN-AM MULTIPOT; STYRO = BC/CFS STYROBLOCK; PAPPT = PAPERPOT.

New Brunswick

▲ bare-root/container production centre
● bare-root production centre
■ container production centre

PROVINCIAL SUMMARY	bare-root	container
Number of production centres	2	9
Area available for production	126 ha	27 407 m²
Area currently in production	98 ha	–
1984 Shippable production ('000)	14 300	12 073
1985/1986 Targeted production ('000)	13 000/13 000	23 900/29 754

PROVINCE OF NEW BRUNSWICK

BARE-ROOT PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 AREA AVAILABLE FOR PRODUCTION (HA)	1984 AREA CURRENTLY IN PRODUCTION (HA)	PRODUCTIVE CAPACITY ('000 TREES)	SEEDLING PRODUCTION 1983 ('000 TREES SHIPPED)	SEEDLING PRODUCTION 1984 ('000 TREES SHIPPED)	PLANNED PRODUCTION 1985-1988 ('000 TREES)	MAJOR SPECIES GROWN
INDUSTRY	J.D. IRVING LTD., BOX 150, JUNIPER, N.B., E0J 1P0 506-246-5268 M. DIONNE J. BEYELER	100	72	15 000	12 500	12 000	1985 - 9 500 1986 - 9 500 1987 - 7 500 1988 - 7 000	BS 50% WS 20% JP 10% RP 10% NS 5% OCON 5%
PROVINCE	PROVINCIAL FOREST NURSERY, N.B. NATURAL RESOURCES, R.R. 6, FREDERICTON, N.B., E3B 4X7 506-455-6989 P.A. CLARK N.H. KREIBERG	26	26	7 000	4 000	2 300	1985 - 3 500 1986 - 3 500 1987 - 2 500 1988 - 2 000	BS 55% JP 25% WS 10% BF 10%

PROVINCE OF NEW BRUNSWICK

CONTAINER STOCK PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 PRODUCTION AREA (TYPE)	1984 AREA AVAILABLE FOR PRODUCTION (M^2)	SHIPPABLE TREES ('000 TREES) 1983	 1984	PLANNED PRODUCTION 1985-1988 ('000 TREES)	CONTAINER TYPE	MAJOR SPECIES GROWN
INDUSTRY	FRASER INC., FOREST TREE NURSERY, R.R. # 1, ST. JOSEPH-DE-MADAWASKA, N.B., E0L 1L0 506-739-9092 E. DESCHESNES	UNHEATED HOLDING	3 600 18 000	4 762	6 168	1985 - 7 256 1986 - 7 196 1987 - 7 042 1988 - 6 888	MULTI 1 IPLCO 45, 110	BS 87% WS 6% OCON 7%
INDUSTRY	GEORGIA-PACIFIC CORP., R.R. 4, ST. STEPHEN, N.B., E3L 2Y2 506-466-2770 B. FRASER	HEATED OPEN HOLDING	1 200 1 200	1 100	1 100	1985 - 1 000 1986 - 1 200 1987 - 1 200 1988 - 1 200	STYRO 2,4	BF 35% BS 20% JP 20% WS 15% SP 5% RP 5%
INDUSTRY	J.D. IRVING LTD., JUNIPER TREE NURSERY, BOX 150, JUNIPER, N.B. E0J 1P0 506-446-5268 M. DIONNE J. BEYELER	HEATED UNHEATED	9 400 1 050	800	2 760	1985 - 10 000 1986 - 10 000 1987 - 10 000 1988 - 10 000	IPLCO 45, MULTI 2	BS 55% JP 25% WS 20%
INDUSTRY	J.D. IRVING LTD., R.R. 4, SUSSEX, N.B., E0E 1P0 506-433-4253/5844 H. KUNZE	HEATED SHELTER	1 024 3 295	-	831	1985 - [a] 1986 - 1987 - 1988 -	STYRO 4,8	JP BS
INDUSTRY	NBIP FOREST PRODUCTS INC., BOX 1950, DALHOUSIE, N.B., E0K 1B0 506-684-5820 S. McNEISH	HEATED SHADE AREA	1 000 1 700	2 400	1 200	1985 - 2 270 1986 - 2 000 1987 - 2 000 1988 - 2 000	MULTI 1,2 IPLCO 45	BS 80% WS 6% OCON 12%
INDUSTRY	VALLEY FOREST PRODUCTS, BOX 1000, NACKAWIC, N.B., E0H 1P0 506-455-8821 B. HIGGS	HEATED	600	-	300	1985 - 300 1986 - 450 1987 - 450 1988 - 450	MULTI 2	JP 50% BS 50%

[a] PRODUCTION PRIMARILY FOR RESEARCH AND GENETIC IMPROVEMENT.

PROVINCE OF NEW BRUNSWICK
CONTAINER STOCK PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 PRODUCTION AREA (TYPE)	1984 AREA AVAILABLE FOR PRODUCTION (M^2)	SHIPPABLE TREES ('000 TREES) 1983	 1984	PLANNED PRODUCTION 1985-1988 ('000 TREES)	CONTAINER TYPE	MAJOR SPECIES GROWN
PRIVATE	MacTAVISH EQUIPMENT LTD., BOX 310, DOUGLASTOWN, N.B., E0C 1H0 506-773-6106	UNHEATED	550	-	-	1985 - 265 1986 - 265 1987 - 400 1988 - 400	JIFFY	JP 100%
PROVINCE	KENT FOREST NURSERY, N.B. NATURAL RESOURCES, BOX 69, BUCTOUCHE, N.B., E0A 1G0 506-523-3556 W. CORMIER	HEATED SHADE OPEN HOLDING	5 317 2 963 7 778	4 690	6 743	1985 - 6 900 1986 - 6 900 1987 - 6 900 1988 - 6 900	PAPPT 408	JP 48% BS 48% OCON 4%
PROVINCE	MADRAN FOREST NURSERY, N.B. NATURAL RESOURCES, BOX 170, BATHURST, N.B., E2A 3Z2 506-783-7235 V. CARRIER	HEATED SHADE OPEN HOLDING	5 317 3 800 8 000	6 000	8 200	1985 - 8 400 1986 - 8 400 1987 - 8 400 1988 - 8 400	PAPPT 408	BS 66% JP 34%
PROVINCE	PROVINCIAL FOREST NURSERY, N.B. NATURAL RESOURCES, P.O. 6, MAPLE, FREDERICTON, N.B., E3B 4Y7 506-455-6989 N.H. KREIBERG	HEATED UNHEATED	6 500 6 000	8 400	12 500	1985 - 18 000 1964 - 18 000 1975 - 18 000 1986 - 18 000	PAPPT 408 MULTI 3	JP 48% BS 48% OCON 4%

CONTAINER TYPE: MULTI = CAN-AM MULTIPOT; IPLCO = IPL CONTAINER; STYRO = BC/CFS STYROBLOCK; PAPPT = PAPERPOT; JIFFY = JIFFYPOT.

Nova Scotia

PROVINCIAL SUMMARY	bare-root	container
Number of production centres	2	8
Area available for production	99 ha	27 407 m²
Area currently in production	55 ha	–
1984 Shippable production ('000)	4 600	12 073
1985/1986 Targeted production ('000)	4 400/6 500	23 900/29 754

PROVINCE OF NOVA SCOTIA

BARE-ROOT PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 AREA AVAILABLE FOR PRODUCTION (HA)	1984 AREA CURRENTLY IN PRODUCTION (HA)	PRODUCTIVE CAPACITY ('000 TREES)	SEEDLING PRODUCTION 1983 ('000 TREES SHIPPED)	SEEDLING PRODUCTION 1984 ('000 TREES SHIPPED)	PLANNED PRODUCTION 1985-1988 ('000 TREES)	MAJOR SPECIES GROWN
PROVINCE	PROVINCIAL FOREST NURSERY, DEPT. OF LANDS & FORESTS, BOX 219, LAWRENCETOWN, N.S., B0S 1M0 902-584-2234 R. MINARD	30	30	8 000	3 900	2 800	1985 - 2 000 1986 - 4 500 1987 - 3 800 1988 - 3 500	RP 28% WS 28% BF 14% NS 11% WP 10% OCON 9%
PROVINCE	STRATHLORNE FOREST NURSERY, DEPT. OF LANDS & FORESTS, BOX 489, INVERNESS, N.S., B0E 1N0 902-258-2626 B.F. WHITE	69	25	15 000	1 500	1 800	1985 - 2 400 1986 - 2 000 1987 - 2 000 1988 - 2 000	BS 75% WS 20% RP 5%

PROVINCE OF NOVA SCOTIA

CONTAINER STOCK PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 PRODUCTION AREA (TYPE)	1984 AREA AVAILABLE FOR PRODUCTION (M^2)	SHIPPABLE TREES ('000 TREES) 1983	 1984	PLANNED PRODUCTION 1985-1988 ('000 TREES)	CONTAINER TYPE	MAJOR SPECIES GROWN
NDUSTRY	BOWATER MERSEY PAPER CO. LTD., BOX 1150, LIVERPOOL, N.S., B0T 1K0 902-354-5962 W. JOUNEAY	HEATED UNHEATED HOLDING	480 960 480	600	605	1985 - 850 1986 - 900 1987 - 900 1988 - 1 250	MULTI 2, IPLCO 45	RS 95% OCON 5%
INDUSTRY	SCOTT PAPER INC., SPRINGHILL TREE NURSERY CORRECTION SERVICE, CANADA, BOX 2140, SPRINGHILL, N.S., B0M 1X0 902-597-3755 (EXT.324) T. MATHESON	HEATED UNHEATED SHELTER HOLDING	1 714 1 786 3 645 16 000	2 468	2 525	1985 - 4 071 1986 - 4 775 1987 - 5 250 1988 - 5 250	MULTI 2	RP 26% BS 19% WS 17% NS 17% JL 9% JP 7% RS 5%
PRIVATE	MORRISON'S GREENHOUSES, R.R. 1, BRAS D'OR, N.S., B0C 1B0 902-736-9371 L. MORRISON	HEATED UNHEATED OPEN HOLDING	1 395 1 395 4 600	1 930	1 930	1985 - 1 930 1986 - 1 930 1987 - 1 930 1988 - 1 930	MULTI 2	BS 100%
PRIVATE	OCTA EVERGREENS LTD., R.R. # 7 AMHERST, N.S. B4H 3Y5 902-667-5940 P. BOURQUE	HEATED	1 400	-	375	1985 - 800 1986 - 1 100 1987 - 1 100 1988 - 1 100	MULTI 2	RP 45% BS 27% JP 11% JL 6% OCON 11%
PRIVATE	WESTENENK'S FOREST NURSERY, R.R. 1, ST. ANDREW'S, N.S., B0H 1X0 902-863-3588 G. WESTENENK	UNHEATED OPEN HOLDING	2 587 5 174	1 644	1 514	1985 - 1 892 1986 - 1 892 1987 - 1 892 1988 - 1 892	MULTI 2	BS 67% RP 29% NS % BF %
PROVINCE	PROVINCIAL FOREST NURSERY, DEPT. OF LANDS & FORESTS, BOX 219 LAWRENCETOWN, N.S., B0S 1M0 902-584-2234 R. MINARD	HEATED SHELTERHOUSE OPEN HOLDING	1 690 2 000 10 000	360	600	1985 - 1 600 1986 - 2 000 1987 - 2 000 1988 - 2 000	MULTI 2	BS 75% RS 25%

PROVINCE OF NOVA SCOTIA
CONTAINER STOCK PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 PRODUCTION AREA (TYPE)	1984 AREA AVAILABLE FOR PRODUCTION (M^2)	SHIPPABLE TREES ('000 TREES) 1983	 1984	PLANNED PRODUCTION 1985-1988 ('000 TREES)	CONTAINER TYPE	MAJOR SPECIES GROWN
PROVINCE	STRATHLORNE FOREST NURSERY, DEPT. OF LANDS & FORESTS, BOX 489, INVERNESS, N.S., B0E 1N0 902-258-2626 B.F. WHITE	HEATED UNHEATED OPEN HOLDING	3 902 225 16 537	2 500	2 000	1985 - 8 400 1986 - 12 600 1987 - 12 600 1988 -	MULTI 2	BS 50% WS 20% RS 15%
PROVINCE	WITTENBURG FOREST NURSERY, DEPT. OF LANDS & FORESTS, BOX 250 STEWIACKE, N.S., B0N 2J0 902-378-2152 L. PETERS	HEATED UNHEATED	2 608 1 620	452	2 524	1985 - 4 357 1986 - 4 557 1987 - 4 557 1988 - 4 557	MULTI 2	BS 40% RS 40% NS 8% WS 7% OCON 5%

CONTAINER TYPES: MULTI = CAN-AM MULTIPOT; IPLCO = IPL CONTAINER.

Prince Edward Island

▲ bare-root/container production centre
● bare-root production centre
■ container production centre

PROVINCIAL SUMMARY	bare-root	container
Number of production centres	1	1
Area available for production	20 ha	3 717 m²
Area currently in production	4 ha	–
1984 Shippable production ('000)	315	1 214
1985/1986 Targeted production ('000)	390/400	1 675/2 000

PROVINCE OF PRINCE EDWARD ISLAND

BARE-ROOT PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 AREA AVAILABLE FOR PRODUCTION (HA)	1984 AREA CURRENTLY IN PRODUCTION (HA)	PRODUCTIVE CAPACITY ('000 TREES)	SEEDLING PRODUCTION 1983 ('000 TREES SHIPPED)	SEEDLING PRODUCTION 1984 ('000 TREES SHIPPED)	PLANNED PRODUCTION 1985-1988 ('000 TREES)		MAJOR SPECIES GROWN	
PROVINCE	J.F. GAUDET FOREST NURSERY, P.E.I. ENERGY & FORESTRY, BOX 2000, CHARLOTTETOWN, P.E.I., C1A 7N8 902-892-0228 W. BUTLER	20	4	5 000	328	315	1985 - 1986 - 1987 - 1988 -	390 400 400 400	RP BF WP PO	50% 24% 16% 10%

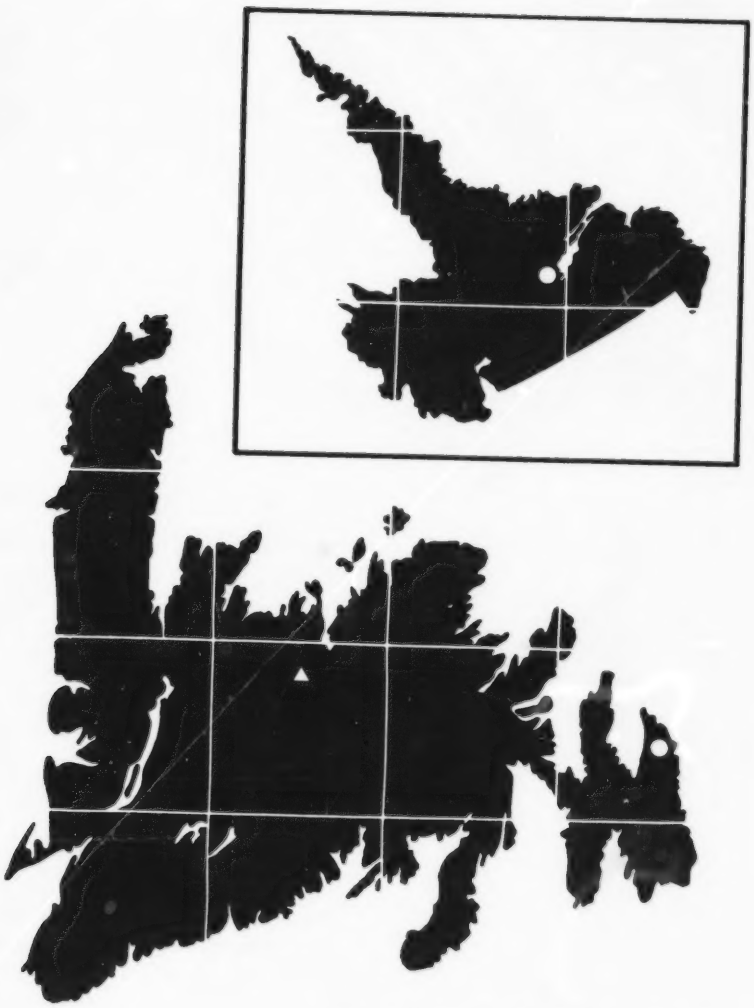
PROVINCE OF PRINCE EDWARD ISLAND

CONTAINER STOCK PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 PRODUCTION AREA (TYPE)	1984 AREA AVAILABLE FOR PRODUCTION (M2)	SHIPPABLE TREES ('000 TREES) 1983	 1984	PLANNED PRODUCTION 1985-1988 ('000 TREES)	CONTAINER TYPE	MAJOR SPECIES GROWN
PROVINCE	J.F. GAUDET FOREST NURSERY, P.E.I. ENERGY & FORESTRY, BOX 2000, CHARLOTTETOWN, P.E.I., C1A 7N8 902-892-0228 W. BUTLER	HEATED HOLDING	3 717 4 200	1 027	1 214	1983 - 1 675 1984 - 2 000 1985 - 2 000 1986 - 2 000	MULTI 2,3	BS 30% WS 30% RP 14% BF 12% EL 11% X 3%

CONTAINER TYPES: MULTI = CAN-AM MULTIPOT.

Newfoundland



▲ bare-root/container production centre
● bare-root production centre
■ container production centre

PROVINCIAL SUMMARY	bare-root	container
Number of production centres	1	3
Area available for production	40 ha	3 204 m²
Area currently in production	40 ha	–
1984 Shippable production ('000)	3 242	2 439
1985/1986 Targeted production ('000)	7 000/9 000	3 165/3 165

PROVINCE OF NEWFOUNDLAND

BARE-ROOT PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984		PRODUCTIVE CAPACITY ('000 TREES)	SEEDLING PRODUCTION 1983 ('000 TREES SHIPPED)	1984	PLANNED PRODUCTION 1985-1988 ('000 TREES)	MAJOR SPECIES GROWN
		AREA AVAILABLE FOR PRODUCTION (HA)	AREA CURRENTLY IN PRODUCTION (HA)					
PROVINCE	DEPT. OF FOREST RESOURCES AND LANDS NURSERY, BOX 616, GRAND FALLS, NFLD., A2A 2K2 709-489-3012 T. McDONOUGH	40	40	9 000	2 100	3 242	1985 - 7 000 1986 - 9 000 1987 - 9 000 1988 - 9 000	BS 100%

PROVINCE OF NEWFOUNDLAND

CONTAINER STOCK PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 PRODUCTION AREA (TYPE)	1984 AREA AVAILABLE FOR PRODUCTION (M^2)	SHIPPABLE TREES ('000 TREES) 1983	 1984	PLANNED PRODUCTION 1985-1988 ('000 TREES)	CONTAINER TYPE	MAJOR SPECIES GROWN
PROVINCE	DEPT. OF FOREST RESOURCES AND LANDS NURSERY, BOX 370, GOOSE BAY, NFLD., A0P 1C0 709-896-3405 B. ROBERTS	HEATED	350	155	150	1985 - 165 1986 - 165 1987 - 165 1988 - 165	MULTI 1	WS 70% JP 30%
PROVINCE	DEPT. OF FOREST RESOURCES AND LANDS NURSERY, BOX 616, GRAND FALLS, NFLD., A2A 2K2 709-489-3012 T. McDONOUGH	HEATED	2 296	2 094	1 877	1985 - 2 500 1986 - 2 500 1987 - 2 500 1988 - 2 500	MULTI	BS 75% WS 25%
PROVINCE	DEPT. OF FOREST RESOURCES AND LANDS NURSERY, BOX 127, MT. PEARL, NFLD., A1N 2C2 709-368-8334 N. BENSON	HEATED	558	400	412	1985 - 500 1986 - 500 1987 - 500 1988 - 500	MULTI 1	WS 50% L 50%

CONTAINER TYPES: MULTI = CAN-AM MULTIPOT.

PROVINCE OF NEWFOUNDLAND

BARE-ROOT PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984		PRODUCTIVE CAPACITY ('000 TREES)	SEEDLING PRODUCTION ('000 TREES SHIPPED)		PLANNED PRODUCTION 1985-1988 ('000 TREES)	MAJOR SPECIES GROWN
		AREA AVAILABLE FOR PRODUCTION (HA)	AREA CURRENTLY IN PRODUCTION (HA)		1983	1984		
PROVINCE	DEPT. OF FOREST RESOURCES AND LANDS NURSERY, BOX 616 GRAND FALLS, NFLD., A2A 2K2 709-489-3012 T. McDONOUGH	40	40	9 000	2 100	3 242	1985 - 7 000 1986 - 9 000 1987 - 9 000 1988 - 9 000	BS 100%

PROVINCE OF NEWFOUNDLAND

CONTAINER STOCK PRODUCTION CENTRES

OWNERSHIP	MAILING ADDRESS PHONE NUMBER SUPERVISOR	1984 PRODUCTION AREA (TYPE)	1984 AREA AVAILABLE FOR PRODUCTION (M^2)	SHIPPABLE TREES 1983 ('000 TREES)	SHIPPABLE TREES 1984 ('000 TREES)	PLANNED PRODUCTION 1985-1988 ('000 TREES)	CONTAINER TYPE	MAJOR SPECIES GROWN
PROVINCE	DEPT. OF FOREST RESOURCES AND LANDS NURSERY, BOX 370 GOOSE BAY, NFLD., A0P 1C0 709-896-3405 B. ROBERTS	HEATED	350	155	150	1985 - 165 1986 - 165 1987 - 165 1988 - 165	MULTI 1	WS 70% JP 30%
PROVINCE	DEPT. OF FOREST RESOURCES AND LANDS NURSERY, BOX 616 GRAND FALLS, NFLD., A2A 2K2 709-489-3012 T. McDONOUGH	HEATED	2 296	2 094	1 877	1985 - 2 500 1986 - 2 500 1987 - 2 500 1988 - 2 500	MULTI	BS 75% WS 25%
PROVINCE	DEPT. OF FOREST RESOURCES AND LANDS NURSERY, BOX 127 MT. PEARL, NFLD., A1N 2C2 709-368-8334 N. BENSON	HEATED	558	400	412	1985 - 500 1986 - 500 1987 - 500 1988 - 500	MULTI 1	WS 50% L 50%

CONTAINER TYPES: MULTI = CAN-AM MULTIPOT.

APPENDIX 1

MAJOR TREE SPECIES REARED IN CANADA'S FOREST TREE NURSERIES

Common name	Botanical name	Symbol
CONIFEROUS SPECIES		CON
Pine	*Pinus* L.	P
Eastern white pine	*Pinus strobus* L.	EWP
Red pine	*Pinus resinosa* Ait.	RP
Jack pine	*Pinus banksiana* Lamb.	JP
Lodgepole pine	*Pinus contorta* Dougl.	LP
Scots pine	*Pinus sylvestris* L.	SP
Larch	*Larix* Mill.	L
Western larch	*Larix occidentalis* Nutt.	WL
European larch	*Larix decidua* Mill.	EL
Spruce	*Picea* A. Dietr.	S
White spruce	*Picea glauca* (Moench) Voss	WS
Engelmann spruce	*Picea engelmannii* Parry	ES
Red spruce	*Picea rubens* Sarg.	RS
Black spruce	*Picea mariana* (Mill.) B.S.P.	BS
Norway spruce	*Picea abies* (L.) Karst.	NS
Hemlock	*Tsuga* (Endl.) Carr.	H
Western hemlock	*Tsuga heterophylla* (Raf.) Sarg.	WH
Douglas-fir	*Pseudotsuga menziesii* (Mirb.) Franco	DF
Fir	*Abies* Mill.	F
Balsam fir	*Abies balsamea* (L.) Mill.	BF
Amabilis fir	*Abies amabilis* (Dougl.) Forbes	AF
Arbor-vitae	*Thuja* L.	C
Eastern white cedar	*Thuja occidentalis* L.	EWC
Western red cedar	*Thuja plicata* Donn	WRC
OTHER CONIFEROUS SPECIES		OCON
DECIDUOUS SPECIES		DEC
Poplar	*Populus* L.	PO
Black walnut	*Juglans nigra* L.	WA
OTHER DECIDUOUS SPECIES		ODEC
MISCELLANEOUS SPECIES		X

Source: Bonnor, G.M. 1978. A guide to Canadian forest inventory terminology and usage. Dep. Environ., Can. For. Serv., Ottawa, Ont. 2nd ed.